

Converting Colors

XYZ(88.8717, 91.4296, 95.1682)

Have a look what the booklet for
XYZ(88.8717, 91.4296, 95.1682)
contains.

XYZ(89.0188, 91.6525, 95.4370)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(89.0188, 91.6525,
95.4370)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF3F0
RGB	255, 243, 240
RGB Percent	100%, 95%, 94%
CMY	0.0000, 0.0470, 0.0588
CMYK	0.00, 0.05, 0.06, 0.00
HSL	12°, 100%, 97%
HSV	12°, 6%, 100%
XYZ	89.0188, 91.6525, 95.4370
YIQ	246.2460, 8.1150, 1.6110

Conversions

Conversions Part 2

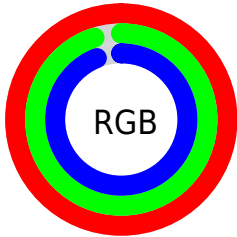
Format	Color
R _Y B	255, 244, 240
Decimal	16774128
CIE Lab	96.68, 3.52, 2.87
CIE LCh	97, 4.539, 39.216
Yxy	91.6525, 0.3224, 0.3319
Android (android.graphics.Color)	4294964208 (0xFFFFF3F0)
YUV	246.2460, -3.0793, 7.6773
Hunter-Lab	95.7353, -1.5598, 7.9095

Details

The XYZ color **89.0188, 91.6525, 95.4370** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.7948, 95.3636, 108.3348**, and the grayscale version is **87.8179, 92.3913, 100.6141**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.7108, 51.0071, 52.5727** is the 20% darker color. If you saturate the color by 10%, you get **79.7265, 78.7102, 74.9453**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

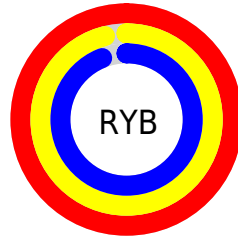
Distribution



Red (100%)

Green (95%)

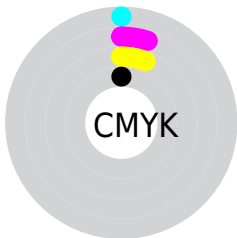
Blue (94%)



Red (100%)

Yellow (96%)

Blue (94%)

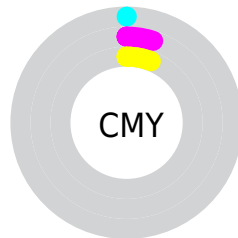


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (5%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.0188, 91.6525, 95.4370 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 89.0188, 91.6525, 95.4370 by changing the saturation by 10% instead.


 89.0188, 91.6525,
95.4370

 89.0188, 91.6525,
95.4370


513.1195,
533.3918, 566.5831

 67.5007, 69.3520,
71.8998


144.8600,
149.6317, 156.8690

 49.7638, 50.9985,
52.5905


179.9138,
186.0792, 195.6009

 35.4428, 36.2074,
37.0905


220.2103,
228.0111, 240.2348

 24.1723, 24.5944,
24.9812

266.1147,
275.8120, 291.1892

 15.5869, 15.7751,
15.8442

317.9925,
329.8661, 348.8827

 9.3213, 9.3652,
9.2608

376.2090,

 5.0101, 4.9801,

390.5578, 413.7338

4.8126

441.1295,
458.2716, 486.1611

■ 2.2880, 2.2356,
2.0809

■ 0.7885, 0.7393,
0.6044

■ 89.0188, 91.6525,
95.4370

■ 89.0188, 91.6525,
95.4370

■ 79.7265, 78.7102,
74.9453

95.0500, 100.0000,
108.9000

■ 71.5982, 67.2797,
57.3577

■ 64.5892, 57.3088,
42.5440

■ 58.6492, 48.7383,
30.3617

■ 53.7244, 41.5045,
20.6557

■ 49.7558, 35.5391,
13.2545

■ 46.6783, 30.7672,
7.9645

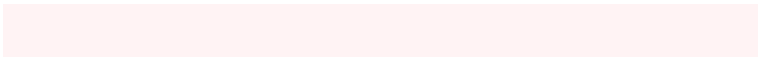
■ 44.4177, 27.1058,
4.5601

■ 42.8863, 24.4604,
2.7627

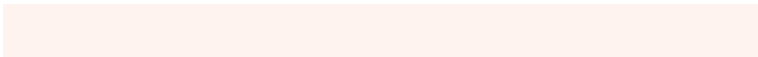
Harmonies

Analogous

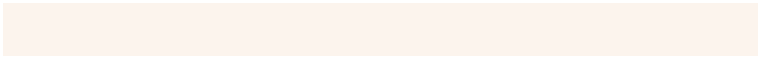
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.5459, 91.6525, 98.6781



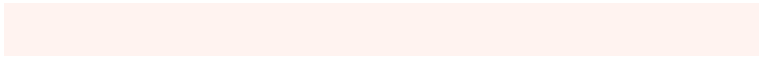
89.0188, 91.6525, 95.4370



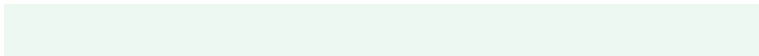
87.9824, 91.6525, 93.3968

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.0188, 91.6525, 95.4370



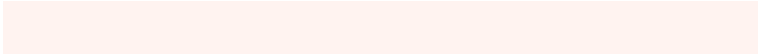
84.8496, 91.6525, 97.3326



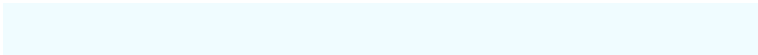
87.5046, 91.6525, 106.8583

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



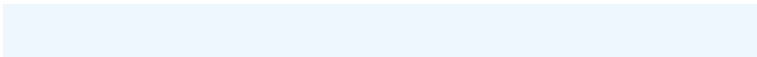
89.0188, 91.6525, 95.4370



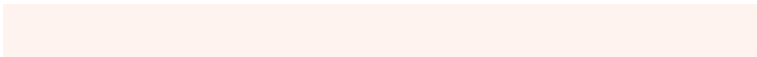
88.7948, 95.3636, 108.3348

Split Complementary

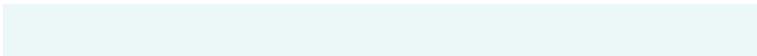
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.2492, 91.6525, 106.4768



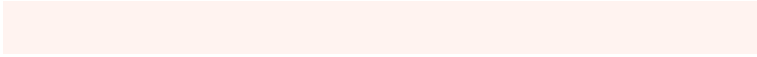
89.0188, 91.6525, 95.4370



84.7245, 91.6525, 100.9183

Square

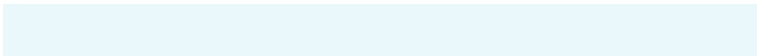
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.0188, 91.6525, 95.4370



85.5780, 91.6525, 94.4726



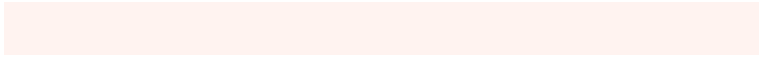
85.2345, 91.6525, 104.2816



88.6661, 91.6525, 105.3115

Rectangle

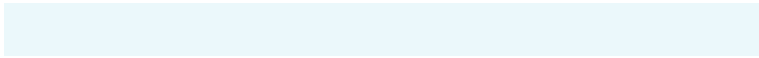
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



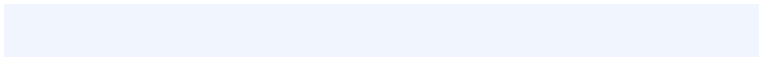
89.0188, 91.6525, 95.4370



87.1464, 91.6525, 92.9626



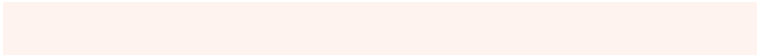
85.2345, 91.6525, 104.2816



87.0795, 91.6525, 106.9521

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



89.0209, 91.6562, 95.4390



92.9523, 97.1013, 104.2036



89.9713, 90.6095, 104.8431



19.9176, 20.8141, 22.3530



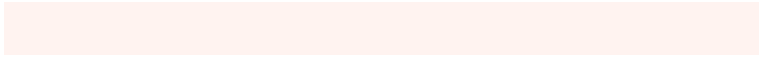
0.0000, 0.0000, 0.0000



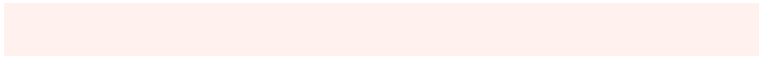
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.0209, 91.6562, 95.4390



87.9221, 90.1315, 92.9988



91.3098, 96.2341, 96.2019



18.6934, 19.1174, 19.6270



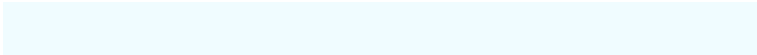
22.2519, 12.5150, 1.2428



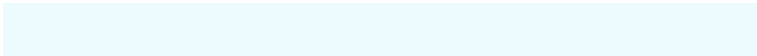
2.2391, 1.3636, 0.1452

Inverse Universe

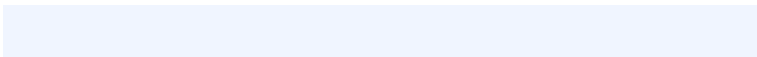
The Inverse Universe completely reimagines the original color for something new.



88.7948, 95.3636, 108.3348



87.6551, 94.5101, 108.2301



86.4875, 90.7490, 107.5657



18.6315, 20.1313, 23.1537



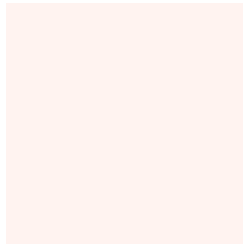
20.8128, 26.5352, 53.4594



2.1013, 2.7332, 5.2301

Previews

White Background



This preview shows how the XYZ color 89.0188, 91.6525, 95.4370 looks on a white background.

Color Contrast Check

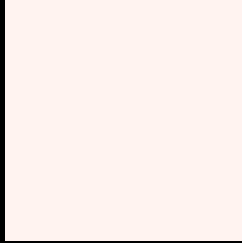
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 89.0188, 91.6525, 95.4370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

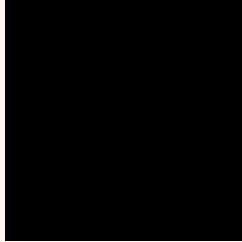
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

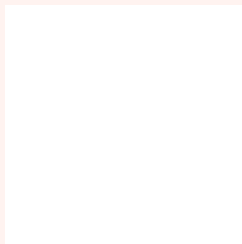
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.0188, 91.6525, 95.4370

Background



This preview shows how black text looks on a background with the XYZ color 89.0188, 91.6525, 95.4370.



This preview shows how white text looks on a background with the XYZ color 89.0188, 91.6525,

95.470.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

89.0188, 91.6525, 95.4370

Protanopia

88.0115, 91.5615, 96.2535

Deuteranopia

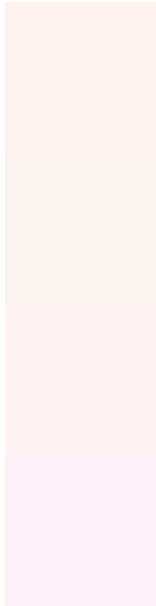
89.6197, 91.8928, 98.6016



Tritanopia

90.6752, 91.7951, 107.5469

Trichromacy



Original Color

89.0188, 91.6525, 95.4370

Protanomaly

88.3728, 91.7477, 96.2704

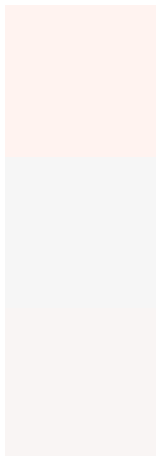
Deuteranomaly

89.4683, 91.8322, 97.8039

Tritanomaly

89.8805, 91.4772, 103.3621

Monochromacy



Original Color

89.0188, 91.6525, 95.4370

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

88.0485, 91.9762, 98.7005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.0188, 91.6525, 95.4370 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(255, 243, 240) looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 243, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 240) }
```

Border

The CSS property to change the border of an element to XYZ 89.0188, 91.6525, 95.4370 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 243, 240) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 243, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 243, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 243, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 243, 240); box-shadow:4px 4px 4px 4px rgb(255, 243, 240) }
```

Background

The CSS property to change the background color of an element to XYZ 89.0188, 91.6525, 95.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
243, 240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor