

Converting Colors

XYZ(88.5860, 90.8654, 95.0505)

Have a look what the booklet for
XYZ(88.5860, 90.8654, 95.0505)
contains.

XYZ(88.7203, 91.0555, 95.3375)	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(88.7203, 91.0555,
95.3375)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF2F0
RGB	255, 242, 240
RGB Percent	100%, 95%, 94%
CMY	0.0000, 0.0510, 0.0588
CMYK	0.00, 0.05, 0.06, 0.00
HSL	8°, 100%, 97%
HSV	8°, 6%, 100%
XYZ	88.7203, 91.0555, 95.3375
YIQ	245.6590, 8.3900, 2.1340

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 242, 240
Decimal	16773872
CIE _{Lab}	96.43, 4.03, 2.51
CIE _{LCh}	96, 4.746, 31.976
Yxy	91.0555, 0.3225, 0.3310
Android (android.graphics.Color)	4294963952 (0xFFFFF2F0)
YUV	245.6590, -2.7899, 8.1921
Hunter-Lab	95.4230, -1.0285, 7.5592

Details

The XYZ color **88.7203, 91.0555, 95.3375** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.1097, 95.9934, 108.4397**, and the grayscale version is **87.3409, 91.8894, 100.0676**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.4993, 50.5843, 52.5022** is the 20% darker color. If you saturate the color by 10%, you get **79.0123, 77.2818, 74.7073**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

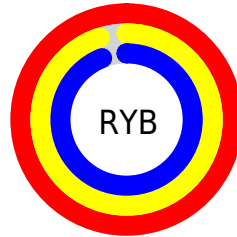
Distribution



Red (100%)

Green (95%)

Blue (94%)



Red (100%)

Yellow (95%)

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 88.7203, 91.0555, 95.3375 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 88.7203, 91.0555, 95.3375 by changing the saturation by 10% instead.

88.7203, 91.0555,
95.3375

88.7203, 91.0555,
95.3375

512.1594,
531.4584, 566.2568

67.2525, 68.8564,
71.8175

144.4470,
148.8037, 156.7304

49.5613, 50.5948,
52.5237

179.4366,
185.1215, 195.4403

35.2813, 35.8862,
37.0375

219.6641,
226.9144, 240.0506

24.0472, 24.3463,
24.9405

265.4951,
274.5668, 290.9799

15.4936, 15.5907,
15.8141

317.2947,
328.4629, 348.6465

9.2551, 9.2350,
9.2398

375.4284,

4.9664, 4.8948,

388.9873, 413.4692

4.7990

440.2615,
456.5244, 485.8665

■ 2.2621, 2.1857,
2.0731

■ 0.7752, 0.7122,
0.5997

■ 88.7203, 91.0555,
95.3375

■ 88.7203, 91.0555,
95.3375

■ 79.0123, 77.2818,
74.7073

95.0500, 100.0000,
108.9000

■ 70.5788, 65.2407,
57.0179

■ 63.3682, 54.8669,
42.1370

■ 57.3233, 46.0865,
29.9197

■ 52.3823, 38.8203,
20.2083

■ 48.4774, 32.9821,
12.8283

■ 45.5333, 28.4771,
7.5828

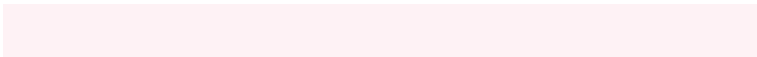
■ 43.4641, 25.1987,
4.2422

■ 42.1678, 23.0235,
2.5232

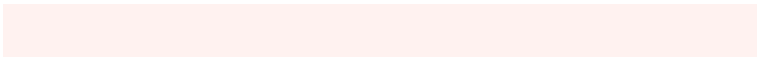
Harmonies

Analogous

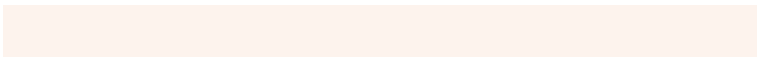
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.1116, 91.0555, 98.8930



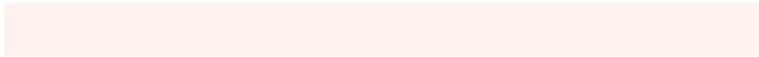
88.7203, 91.0555, 95.3375



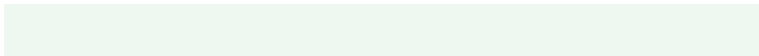
87.7456, 91.0555, 92.8538

Triad

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



88.7203, 91.0555, 95.3375



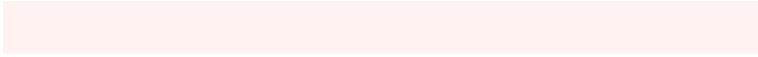
84.3204, 91.0555, 95.7619



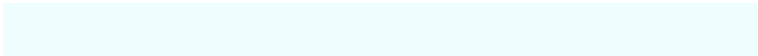
86.6332, 91.0555, 106.6010

Complementary

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



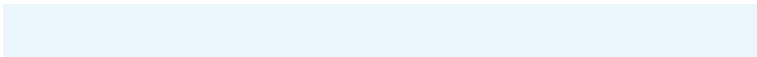
88.7203, 91.0555, 95.3375



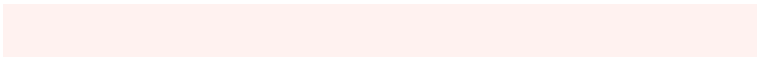
89.1097, 95.9934, 108.4397

Split Complementary

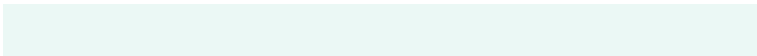
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.3564, 91.0555, 105.7120



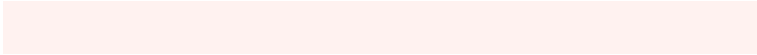
88.7203, 91.0555, 95.3375



84.0292, 91.0555, 99.3953

Square

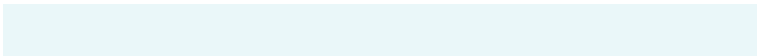
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.7203, 91.0555, 95.3375



85.2060, 91.0555, 93.0944



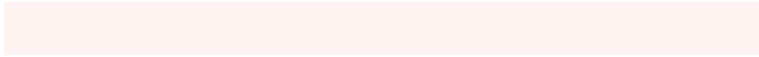
84.4066, 91.0555, 103.0504



87.8990, 91.0555, 105.4501

Rectangle

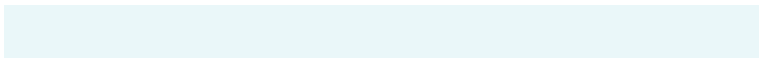
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



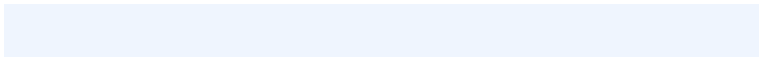
88.7203, 91.0555, 95.3375



86.9009, 91.0555, 92.1068



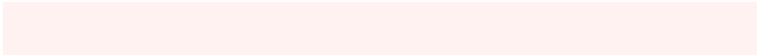
84.4066, 91.0555, 103.0504



86.1911, 91.0555, 106.5307

Sweetspot

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



88.7224, 91.0592, 95.3394



92.8462, 96.8890, 104.1682



90.1303, 90.6731, 105.6800



19.8960, 20.7709, 22.3458



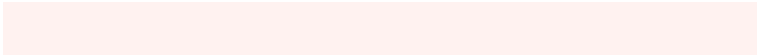
0.0000, 0.0000, 0.0000



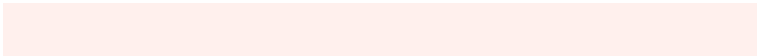
20.3446, 21.4041, 23.3091

Same Dimension

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



88.7224, 91.0592, 95.3394



87.5715, 89.4302, 92.8819



90.9991, 95.6126, 96.0983



18.6124, 18.9555, 19.6001



21.9085, 11.8281, 1.1284



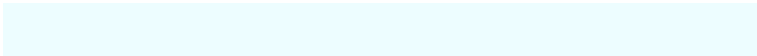
2.1906, 1.2666, 0.1290

Inverse Universe

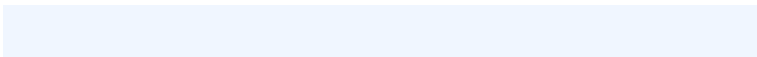
The Inverse Universe completely reimagines the original color for something new.



89.1097, 95.9934, 108.4397



88.0289, 95.2578, 108.3547



86.7900, 91.3540, 107.6665



18.7183, 20.3049, 23.1826



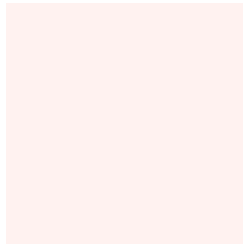
23.0119, 30.9334, 54.1925



2.2955, 3.1217, 5.2948

Previews

White Background



This preview shows how the XYZ color 88.7203, 91.0555, 95.3375 looks on a white background.

Color Contrast Check

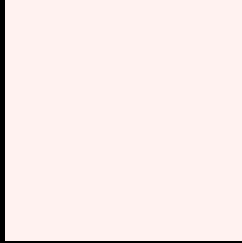
Large Text (above 18pt) WCAG AA × Fail

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 88.7203, 91.0555, 95.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

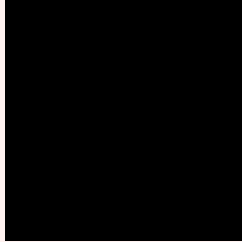
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

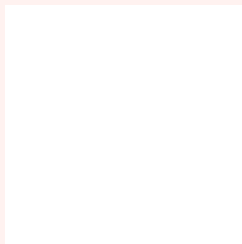
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.7203, 91.0555, 95.3375

Background



This preview shows how black text looks on a background with the XYZ color 88.7203, 91.0555, 95.3375.



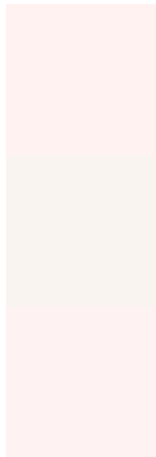
This preview shows how white text looks on a background with the XYZ color 88.7203, 91.0555,

95.375.

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

88.7203, 91.0555, 95.3375

Protanopia

87.6522, 91.3762, 96.2367

Deuteranopia

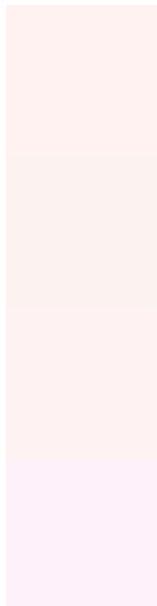
89.1698, 91.2353, 97.7044



Tritanopia

90.7453, 91.3906, 107.4651

Trichromacy



Original Color

88.7203, 91.0555, 95.3375

Protanomaly

88.0727, 91.1475, 96.1704

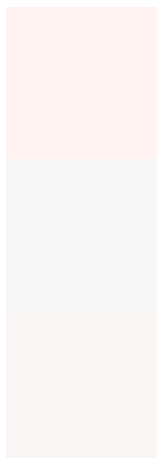
Deuteranomaly

89.0191, 91.1751, 96.9111

Tritanomaly

89.9506, 91.0727, 103.2804

Monochromacy



Original Color

88.7203, 91.0555, 95.3375

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 88.7203, 91.0555, 95.3375 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, 242, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 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, 242, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 240) }
```

Border

The CSS property to change the border of an element to XYZ 88.7203, 91.0555, 95.3375 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, 242, 240) }
```


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

```
.border{ border-color:rgb(255, 242, 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, 242, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 88.7203, 91.0555, 95.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 240) }
```

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

```
.background{ background-color: rgb(255,  
242, 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