

Converting Colors

XYZ(89.0830, 91.5539, 96.1587)

Have a look what the booklet for
XYZ(89.0830, 91.5539, 96.1587)
contains.

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Color

**XYZ(89.1678, 91.7121,
96.2216)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF3F1
RGB	255, 243, 241
RGB Percent	100%, 95%, 95%
CMY	0.0000, 0.0470, 0.0549
CMYK	0.00, 0.05, 0.05, 0.00
HSL	9°, 100%, 97%
HSV	9°, 5%, 100%
XYZ	89.1678, 91.7121, 96.2216
YIQ	246.3600, 7.7940, 1.9220

Conversions

Conversions Part 2

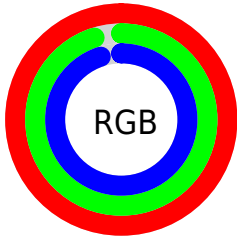
Format	Color
R_{YB}	255, 243, 241
Decimal	16774129
CIE _{Lab}	96.70, 3.68, 2.39
CIE _{LCh}	97, 4.390, 32.958
Yxy	91.7121, 0.3218, 0.3310
Android (android.graphics.Color)	4294964209 (0xFFFFF3F1)
YUV	246.3600, -2.6425, 7.5773
Hunter-Lab	95.7664, -1.3905, 7.4647

Details

The XYZ color **89.1678, 91.7121, 96.2216** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.4501, 96.1688, 108.4557**, and the grayscale version is **87.9070, 92.4850, 100.7162**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.8160, 51.0492, 53.1268** is the 20% darker color. If you saturate the color by 10%, you get **79.4684, 77.9883, 75.4933**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

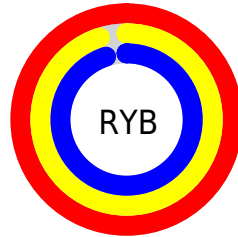
Distribution



Red (100%)

Green (95%)

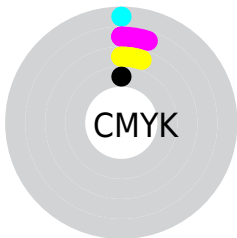
Blue (95%)



Red (100%)

Yellow (95%)

Blue (95%)

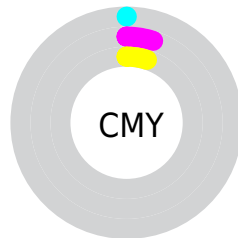


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.1678, 91.7121, 96.2216 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 89.1678, 91.7121, 96.2216 by changing the saturation by 10% instead.


 89.1678, 91.7121,
96.2216

 89.1678, 91.7121,
96.2216


513.5983,
533.5846, 569.1524

 67.6246, 69.4015,
72.5496


145.0661,
149.7143, 157.9613

 49.8650, 51.0388,
53.1182


180.1520,
186.1747, 196.8661

 35.5235, 36.2395,
37.5088


220.4828,
228.1206, 241.6856

 24.2348, 24.6192,
25.3028

266.4239,
275.9362, 292.8383

 15.6336, 15.7936,
16.0817

318.3406,
330.0060, 350.7428

 9.3544, 9.3782,
9.4270

376.5984,

 5.0320, 4.9887,

390.7145, 415.8176

4.9201

441.5625,
458.4459, 488.4813

■ 2.3010, 2.2406,
2.1426

■ 0.7952, 0.7420,
0.6409

■ 89.1678, 91.7121,
96.2216

■ 89.1678, 91.7121,
96.2216

■ 79.4684, 77.9883,
75.4933

95.0500, 100.0000,
108.9000

■ 71.0291, 65.9670,
57.7054

■ 63.7995, 55.5850,
42.7263

■ 57.7238, 46.7710,
30.4121

■ 52.7414, 39.4485,
20.6058

■ 48.7863, 33.5342,
13.1343

■ 45.7851, 28.9369,
7.8022

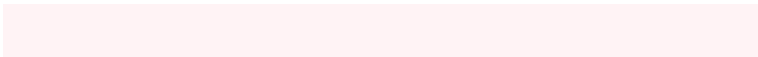
■ 43.6543, 25.5542,
4.3820

■ 42.2948, 23.2683,
2.5941

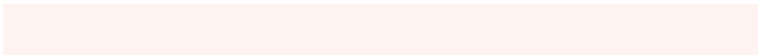
Harmonies

Analogous

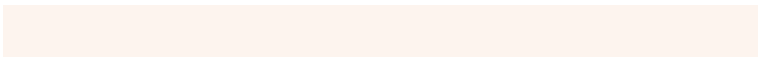
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.5513, 91.7121, 99.5100



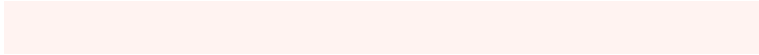
89.1678, 91.7121, 96.2216



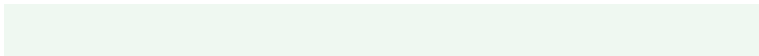
88.2486, 91.7121, 93.9506

Triad

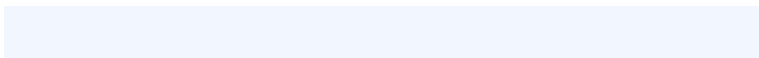
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.1678, 91.7121, 96.2216



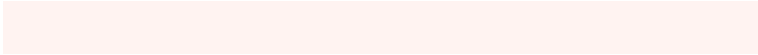
85.0814, 91.7121, 96.8130



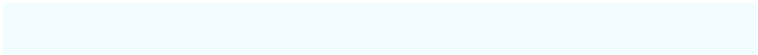
87.2916, 91.7121, 106.7724

Complementary

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



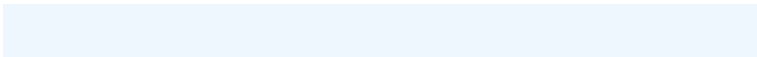
89.1678, 91.7121, 96.2216



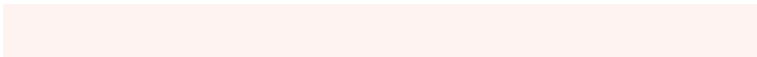
89.4501, 96.1688, 108.4557

Split Complementary

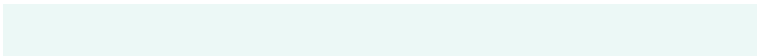
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.0995, 91.7121, 106.0098



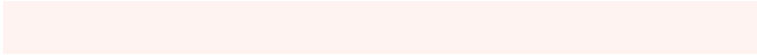
89.1678, 91.7121, 96.2216



84.8305, 91.7121, 100.2086

Square

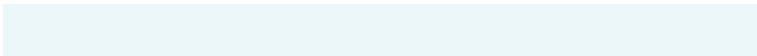
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.1678, 91.7121, 96.2216



85.8901, 91.7121, 94.2864



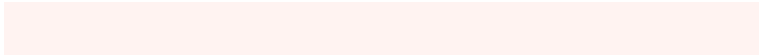
85.2015, 91.7121, 103.5867



88.4617, 91.7121, 105.6468

Rectangle

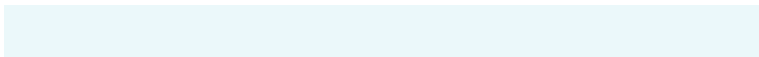
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



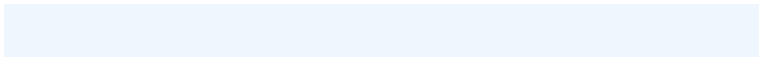
89.1678, 91.7121, 96.2216



87.4597, 91.7121, 93.2907



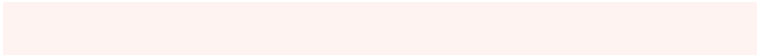
85.2015, 91.7121, 103.5867



86.8802, 91.7121, 106.7284

Sweetspot

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



89.1699, 91.7158, 96.2236



92.8614, 96.9194, 104.1733



90.4467, 91.2719, 105.8903



19.8991, 20.7771, 22.3469



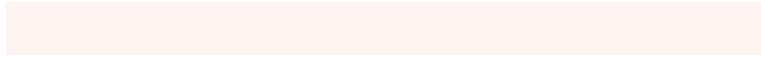
0.0000, 0.0000, 0.0000



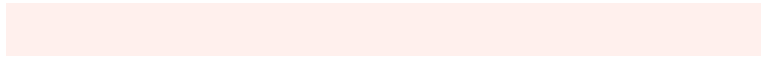
20.3446, 21.4041, 23.3091

Same Dimension

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



89.1699, 91.7158, 96.2236



87.6216, 89.5304, 92.8987



91.2618, 95.8997, 96.9209



18.6240, 18.9787, 19.6039



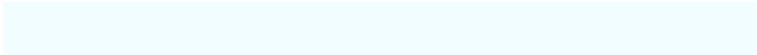
21.9496, 11.9105, 1.1421



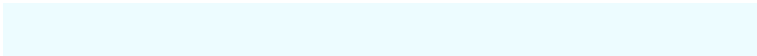
2.1972, 1.2798, 0.1312

Inverse Universe

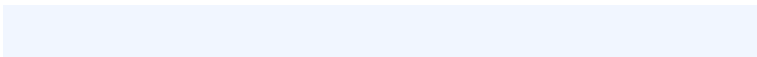
The Inverse Universe completely reimagines the original color for something new.



89.4501, 96.1688, 108.4557



87.9752, 95.1504, 108.3368



87.3229, 91.9144, 107.7466



18.7058, 20.2799, 23.1785



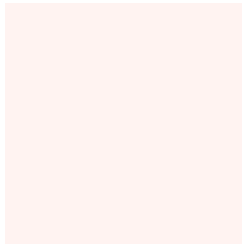
22.6827, 30.2749, 54.0827



2.2666, 3.0639, 5.2852

Previews

White Background



This preview shows how the XYZ color 89.1678, 91.7121, 96.2216 looks on a white background.

Color Contrast Check

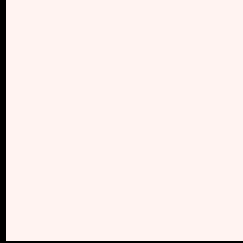
Large Text (above 18pt) WCAG AA × Fail

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 89.1678, 91.7121, 96.2216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

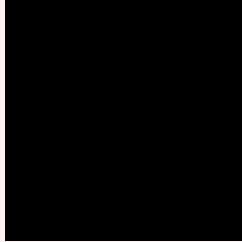
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

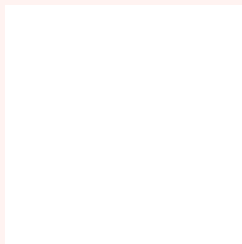
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.1678, 91.7121, 96.2216

Background



This preview shows how black text looks on a background with the XYZ color 89.1678, 91.7121, 96.2216.



This preview shows how white text looks on a background with the XYZ color 89.1678, 91.7121,

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

89.1678, 91.7121, 96.2216

Protanopia

88.1614, 91.6214, 97.0425

Deuteranopia

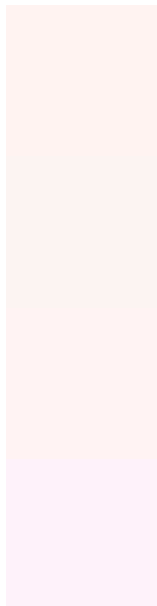
89.6197, 91.8928, 98.6016



Tritanopia

90.6752, 91.7951, 107.5469

Trichromacy



Original Color

89.1678, 91.7121, 96.2216

Protanomaly

88.5226, 91.8076, 97.0594

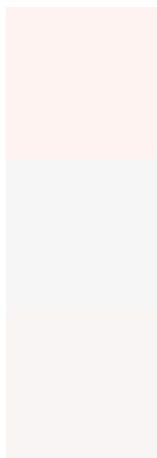
Deuteranomaly

89.4683, 91.8322, 97.8039

Tritanomaly

89.8805, 91.4772, 103.3621

Monochromacy



Original Color

89.1678, 91.7121, 96.2216

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 89.1678, 91.7121, 96.2216 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, 241) looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 241) }
```

Border

The CSS property to change the border of an element to XYZ 89.1678, 91.7121, 96.2216 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, 241) }
```


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

```
.border{ border-color:rgb(255, 243, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 89.1678, 91.7121, 96.2216 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, 241) }
```

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

```
.background{ background-color: rgb(255,  
243, 241) }
```

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](#).

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