

Converting Colors

XYZ(89.1293, 93.5026, 95.7929)

Have a look what the booklet for
XYZ(89.1293, 93.5026, 95.7929)
contains.

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Color

**XYZ(89.1338, 93.5082,
95.7891)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FCF7F0 |
| RGB | 252, 247, 240 |
| RGB Percent | 99%, 97%, 94% |
| CMY | 0.0118, 0.0313, 0.0588 |
| CMYK | 0.00, 0.02, 0.05, 0.01 |
| HSL | 35°, 67%, 96% |
| HSV | 35°, 5%, 99% |
| XYZ | 89.1338, 93.5082, 95.7891 |
| YIQ | 247.6970, 5.2270, -1.1170 |

Conversions

Conversions Part 2

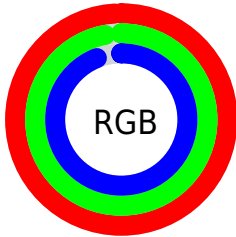
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 249, 252, 240 |
| Decimal | 16578544 |
| CIE Lab | 97.43, 0.47, 3.94 |
| CIE LCh | 97, 3.965, 83.178 |
| Yxy | 93.5082, 0.3201, 0.3358 |
| Android (android.graphics.Color) | 4294768624 (0xFFFCF7F0) |
| YUV | 247.6970, -3.7946, 3.7737 |
| Hunter-Lab | 96.6996, -4.6903, 8.9580 |

Details

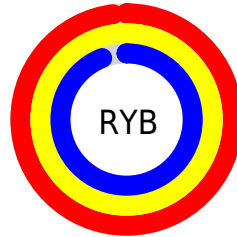
The XYZ color 89.1338, 93.5082, 95.7891 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.1582, 90.8570, 105.0927, and the grayscale version is 89.0050, 93.6401, 101.9741.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.7882, 52.3244, 52.8229 is the 20% darker color. If you saturate the color by 10%, you get 82.5297, 85.8798, 76.3831, and if you desaturate by 10%, it is 93.9554, 99.4357, 108.8488.

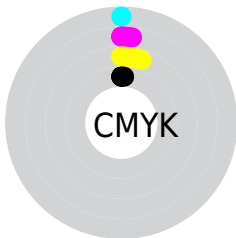
Distribution



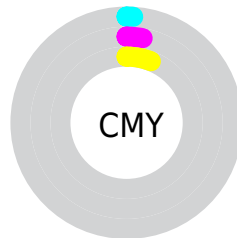
- Red (99%)
- Green (97%)
- Blue (94%)



- Red (98%)
- Yellow (99%)
- Blue (94%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (1%)





- Cyan (1%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.1338, 93.5082, 95.7891 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 89.1338, 93.5082, 95.7891 by changing the saturation by 10% instead.


 89.1338, 93.5082,
95.7891

 89.1338, 93.5082,
95.7891


513.4891,
539.3780, 567.7369

 67.5964, 70.8940,
72.1914


145.0191,
152.2020, 157.3593

 49.8419, 52.2557,
52.8273


180.0976,
189.0504, 196.1688

 35.5051, 37.2089,
37.2781


220.4206,
231.4123, 240.8861

 24.2205, 25.3693,
25.1254

266.3533,
279.6720, 291.9296

 15.6229, 16.3524,
15.9506

318.2612,
334.2141, 349.7179

 9.3469, 9.7739,
9.3353

376.5095,

 5.0270, 5.2493,

395.4229, 414.6695

4.8607

441.4637,
463.6827, 487.2030

■ 2.2981, 2.3943,
2.1085

■ 0.7937, 0.8229,
0.6208

■ 89.1338, 93.5082,
95.7891

■ 89.1338, 93.5082,
95.7891

■ 82.5297, 85.8798,
76.3831

■ 93.9554, 99.4357,
108.8488

■ 76.5991, 78.8020,
59.6602

■ 71.3191, 72.2637,
45.5017

■ 66.6619, 66.2489,
33.7771

■ 62.5976, 60.7405,
24.3447

■ 59.0935, 55.7202,
17.0479

■ 56.1127, 51.1678,
11.7101

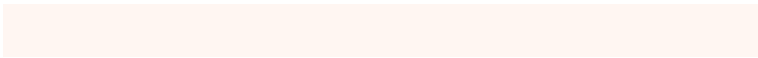
■ 53.6131, 47.0610,
8.1258

■ 51.5434, 43.3735,
6.0429

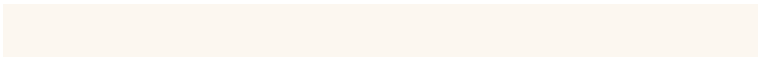
Harmonies

Analogous

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



90.1789, 93.5082, 96.9376



89.1338, 93.5082, 95.7891



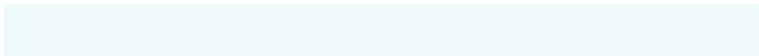
88.0284, 93.5082, 96.2276

Triad

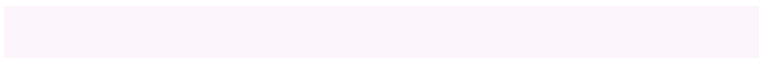
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.1338, 93.5082, 95.7891



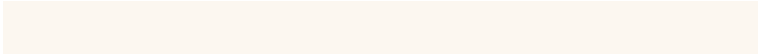
86.9039, 93.5082, 104.2713



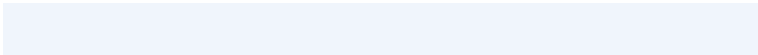
90.6188, 93.5082, 105.5709

Complementary

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



89.1338, 93.5082, 95.7891



86.1582, 90.8570, 105.0927

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.



89.7305, 93.5082, 107.6137



89.1338, 93.5082, 95.7891



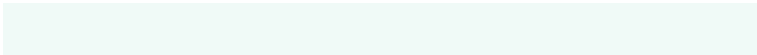
87.5872, 93.5082, 106.8523

Square

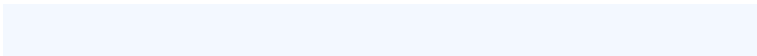
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.1338, 93.5082, 95.7891



86.7471, 93.5082, 101.0808



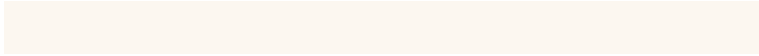
88.6202, 93.5082, 108.0875



91.0409, 93.5082, 102.5518

Rectangle

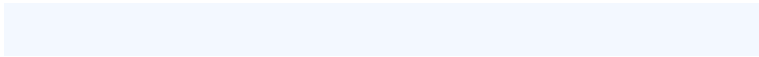
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



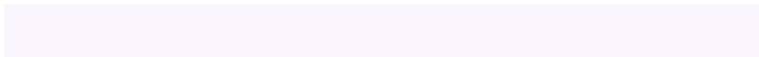
89.1338, 93.5082, 95.7891



87.4054, 93.5082, 97.3654



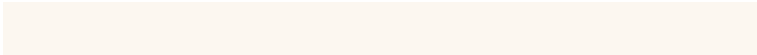
88.6202, 93.5082, 108.0875



90.3645, 93.5082, 106.3971

Sweetspot

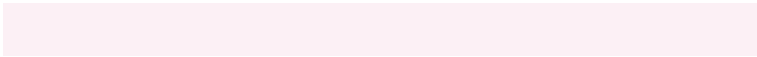
The Sweet Spot groups the original color and five complimentary colors.



89.1364, 93.5123, 95.7911



94.3044, 99.1614, 106.6395



87.7877, 89.6096, 99.0570



20.1929, 21.2335, 22.8491



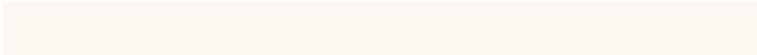
0.0000, 0.0000, 0.0000



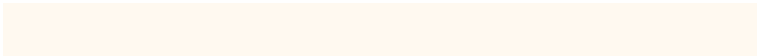
20.3446, 21.4041, 23.3091

Same Dimension

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



89.1364, 93.5123, 95.7911



90.6853, 95.0567, 95.7728



90.3234, 96.4225, 96.2903



18.4894, 19.3718, 19.3498



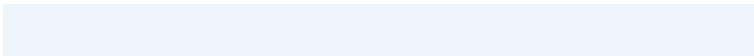
26.5035, 21.9636, 2.8425



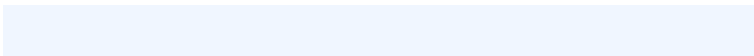
2.5593, 2.2435, 0.2981

Inverse Universe

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



86.1582, 90.8570, 105.0927



86.8603, 91.6465, 107.7193



85.0077, 88.0506, 104.6117



17.6258, 18.6020, 22.0469



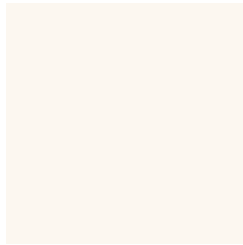
11.9168, 9.1891, 49.1191



1.2056, 1.0549, 4.5833

Previews

White Background



This preview shows how the XYZ color 89.1338, 93.5082, 95.7891 looks on a white background.

Color Contrast Check

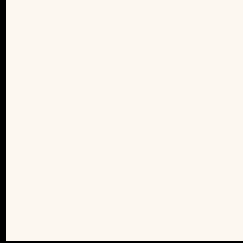
Large Text (above 18pt) WCAG AA × Fail

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 89.1338, 93.5082, 95.7891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

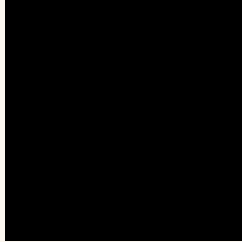
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

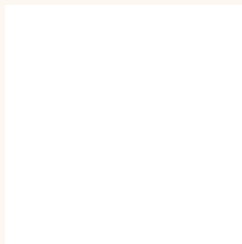
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.1338, 93.5082, 95.7891

Background



This preview shows how black text looks on a background with the XYZ color 89.1338, 93.5082, 95.7891.



This preview shows how white text looks on a background with the XYZ color 89.1338, 93.5082,

95.7 91.

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

89.1338, 93.5082, 95.7891

Protanopia

89.5570, 93.2736, 95.7215

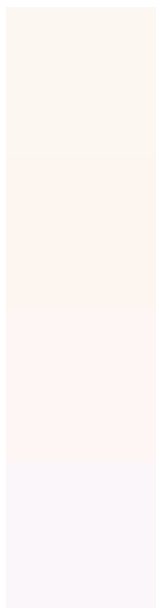
Deuteranopia

90.5270, 93.2186, 100.4105

Tritanopia

90.7894, 93.6408, 107.8971

Trichromacy



Original Color

89.1338, 93.5082, 95.7891

Protanomaly

89.1920, 93.0855, 95.7044

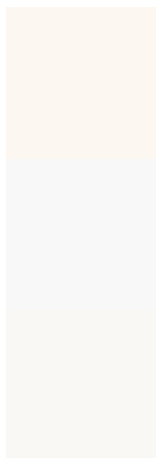
Deuteranomaly

90.1580, 93.5140, 98.8861

Tritanomaly

89.9947, 93.3229, 103.7124

Monochromacy



Original Color

89.1338, 93.5082, 95.7891

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.1158, 93.8671, 99.8075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.1338, 93.5082, 95.7891 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(252, 247, 240) looks like.

```
.text, #text, p{  
    color:rgb(252, 247, 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(252, 247, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 247, 240) }
```

Border

The CSS property to change the border of an element to XYZ 89.1338, 93.5082, 95.7891 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(252, 247, 240) }
```


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

```
.border{ border-color:rgb(252, 247, 240) }
```

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

Here you see how a box with a 4 pixel rgb(252, 247, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 247, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 247, 240);  
box-shadow:4px 4px 4px 4px rgb(252, 247,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 89.1338, 93.5082, 95.7891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 247, 240) }
```

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

```
.background{ background-color: rgb(252,  
247, 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](#).

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