

Converting Colors

XYZ(89.7100, 93.9718, 96.4642)

Have a look what the booklet for
XYZ(89.7100, 93.9718, 96.4642)
contains.

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Color

**XYZ(89.6460, 93.7550,
96.5908)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF7F1
RGB	253, 247, 241
RGB Percent	99%, 97%, 95%
CMY	0.0078, 0.0313, 0.0549
CMYK	0.00, 0.02, 0.05, 0.01
HSL	30°, 75%, 97%
HSV	30°, 5%, 99%
XYZ	89.6460, 93.7550, 96.5908
YIQ	248.1100, 5.5020, -0.5940

Conversions

Conversions Part 2

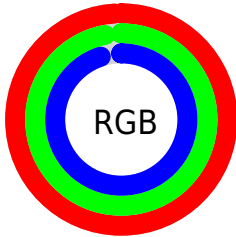
Format	Color
R _Y B	253, 253, 241
Decimal	16644081
CIE Lab	97.53, 0.98, 3.58
CIE LCh	98, 3.707, 74.720
Yxy	93.7550, 0.3202, 0.3348
Android (android.graphics.Color)	4294834161 (0xFFFD7F1)
YUV	248.1100, -3.5052, 4.2885
Hunter-Lab	96.8272, -4.1860, 8.6337

Details

The XYZ color 89.6460, 93.7550, 96.5908 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.2661, 92.3130, 106.1486, and the grayscale version is 89.3399, 93.9926, 102.3579.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.1527, 52.5001, 53.3892 is the 20% darker color. If you saturate the color by 10%, you get 82.3915, 84.8789, 76.8045, and if you desaturate by 10%, it is 94.3186, 99.6229, 108.8658.

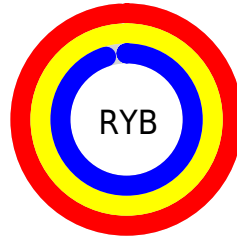
Distribution



Red (99%)

Green (97%)

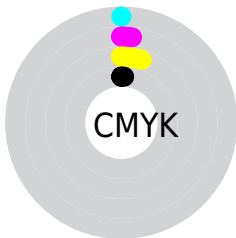
Blue (95%)



Red (99%)

Yellow (99%)

Blue (95%)

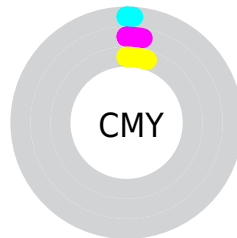


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (1%)



Cyan (1%)

Magenta (3%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.6460, 93.7550, 96.5908 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 89.6460, 93.7550, 96.5908 by changing the saturation by 10% instead.

89.6460, 93.7550,
96.5908

89.6460, 93.7550,
96.5908

515.1337,
540.1715, 570.3592

68.0224, 71.0992,
72.8555

145.7274,
152.5435, 158.4750

50.1897, 52.4232,
53.3667

180.9159,
189.4449, 197.4609

35.7826, 37.3425,
37.7059

221.3568,
231.8637, 242.3676

24.4356, 25.4728,
25.4544

267.4154,
280.1842, 293.6134

15.7836, 16.4296,
16.1939

319.4570,
334.7909, 351.6169

9.4610, 9.8287,
9.5056

377.8470,

5.1026, 5.2855,

396.0680, 416.7967

4.9711

442.9508,
464.4001, 489.5713

■ 2.3430, 2.4157,
2.1719

■ 0.8165, 0.8340,
0.6581

■ 89.6460, 93.7550,
96.5908

■ 89.6460, 93.7550,
96.5908

■ 82.3915, 84.8789,
76.8045

94.3186, 99.6229,
108.8658

■ 75.8947, 76.7140,
59.7528

■ 70.1300, 69.2445,
45.3150

■ 65.0671, 62.4496,
33.3587

■ 60.6734, 56.3072,
23.7400

■ 56.9131, 50.7934,
16.2999

■ 53.7465, 45.8826,
10.8592

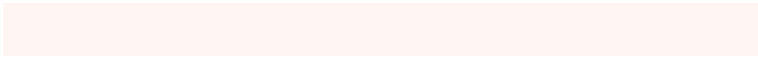
■ 51.1280, 41.5464,
7.2094

■ 49.0029, 37.7522,
5.0952

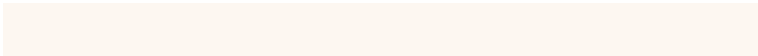
Harmonies

Analogous

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



90.5578, 93.7550, 98.0569



89.6460, 93.7550, 96.5908



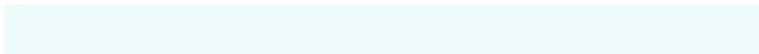
88.5978, 93.7550, 96.5767

Triad

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



89.6460, 93.7550, 96.5908



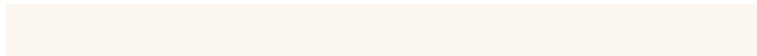
87.1672, 93.7550, 103.5639



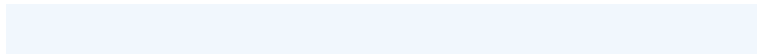
90.5437, 93.7550, 106.2595

Complementary

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



89.6460, 93.7550, 96.5908



87.2661, 92.3130, 106.1486

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.



89.6268, 93.7550, 107.7953



89.6460, 93.7550, 96.5908



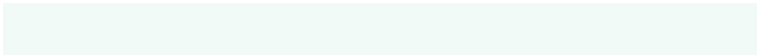
87.6803, 93.7550, 106.2183

Square

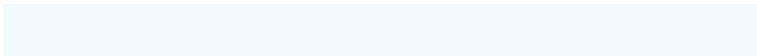
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.6460, 93.7550, 96.5908



87.1723, 93.7550, 100.5626



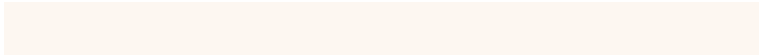
88.5788, 93.7550, 107.7801



91.0789, 93.7550, 103.6191

Rectangle

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



89.6460, 93.7550, 96.5908



87.9630, 93.7550, 97.3906



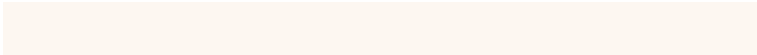
88.5788, 93.7550, 107.7801



90.2696, 93.7550, 106.9243

Sweetspot

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



89.6486, 93.7591, 96.5928



94.2370, 99.0266, 106.6170



88.7532, 90.5101, 100.7895



20.1792, 21.2061, 22.8445



0.0000, 0.0000, 0.0000



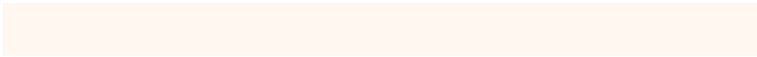
20.3446, 21.4041, 23.3091

Same Dimension

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



89.6486, 93.7591, 96.5928



90.2932, 94.2725, 95.6421



91.5118, 97.4855, 97.2139



19.2194, 20.0482, 20.1760



25.7036, 19.4184, 2.3934



2.6119, 2.1091, 0.2694

Inverse Universe

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



87.2661, 92.3130, 106.1486



87.2497, 92.4253, 107.8491



85.4620, 88.7047, 105.5472



18.5002, 19.6118, 23.0603



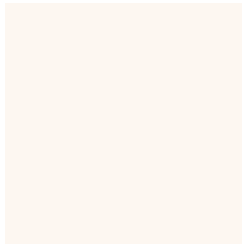
13.5742, 12.0579, 51.0466



1.4309, 1.3924, 5.0066

Previews

White Background



This preview shows how the XYZ color 89.6460, 93.7550, 96.5908 looks on a white background.

Color Contrast Check

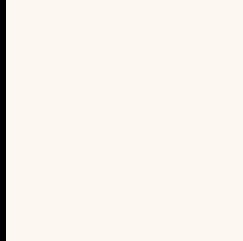
Large Text (above 18pt) WCAG AA × Fail

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 89.6460, 93.7550, 96.5908 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 89.6460, 93.7550, 96.5908

Background



This preview shows how black text looks on a background with the XYZ color 89.6460, 93.7550, 96.5908.



This preview shows how white text looks on a background with the XYZ color 89.6460, 93.7550,

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

89.6460, 93.7550, 96.5908

Protanopia

90.0110, 93.9432, 96.6079

Deuteranopia

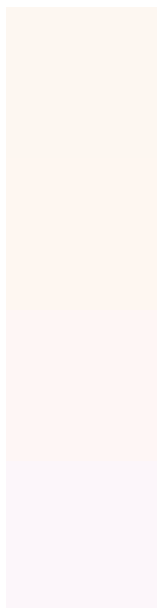
90.9843, 93.8869, 101.3223



Tritanopia

91.1507, 93.8270, 107.9140

Trichromacy



Original Color

89.6460, 93.7550, 96.5908

Protanomaly

90.0110, 93.9432, 96.6079

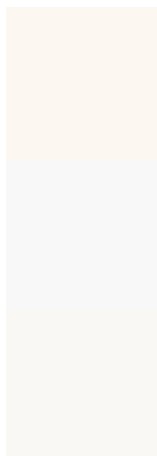
Deuteranomaly

90.3102, 93.5749, 99.6881

Tritanomaly

90.3560, 93.5091, 103.7293

Monochromacy



Original Color

89.6460, 93.7550, 96.5908

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.4732, 94.0514, 99.8242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.6460, 93.7550, 96.5908 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(253, 247, 241) looks like.

```
.text, #text, p{  
    color:rgb(253, 247, 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(253, 247, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 247, 241) }
```

Border

The CSS property to change the border of an element to XYZ 89.6460, 93.7550, 96.5908 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(253, 247, 241) }
```


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

```
.border{ border-color:rgb(253, 247, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 247, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 247, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 247, 241);  
box-shadow:4px 4px 4px 4px rgb(253, 247,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 89.6460, 93.7550, 96.5908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 247, 241) }
```

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

```
.background{ background-color: rgb(253,  
247, 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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