

# Converting Colors

XYZ(89.4462, 93.2064, 96.4387)

Have a look what the booklet for  
XYZ(89.4462, 93.2064, 96.4387)  
contains.

<b>XYZ(89.3410, 93.1451, 96.4891)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(89.3410, 93.1451,  
96.4891)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDF6F1
RGB	253, 246, 241
RGB Percent	99%, 96%, 95%
CMY	0.0078, 0.0353, 0.0549
CMYK	0.00, 0.03, 0.05, 0.01
HSL	25°, 75%, 97%
HSV	25°, 5%, 99%
XYZ	89.3410, 93.1451, 96.4891
YIQ	247.5230, 5.7770, -0.0710

# Conversions

## Conversions Part 2

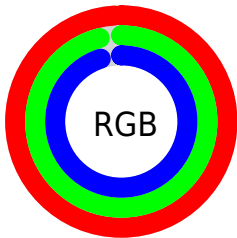
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	253, 250, 241
Decimal	16643825
CIE Lab	97.29, 1.48, 3.22
CIE LCh	97, 3.543, 65.247
Yxy	93.1451, 0.3202, 0.3339
Android (android.graphics.Color)	4294833905 (0xFFFD6F1)
YUV	247.5230, -3.2158, 4.8033
Hunter-Lab	96.5117, -3.6578, 8.2821

# Details

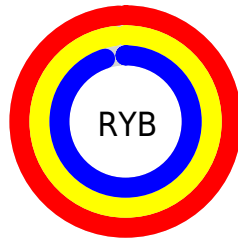
The XYZ color 89.3410, 93.1451, 96.4891 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.5726, 92.9260, 106.2507, and the grayscale version is 88.8582, 93.4858, 101.8060.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.9354, 52.0655, 53.3167 is the 20% darker color. If you saturate the color by 10%, you get 81.5126, 83.1213, 76.5115, and if you desaturate by 10%, it is 94.3185, 99.6229, 108.8658.

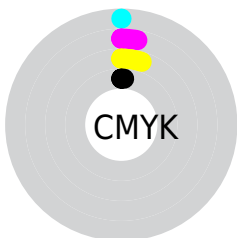
# Distribution



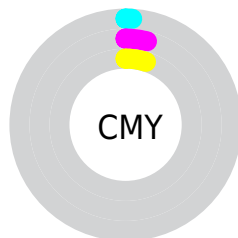
- Red (99%)
- Green (96%)
- Blue (95%)



- Red (99%)
- Yellow (98%)
- Blue (95%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (1%)



- Cyan (1%)
- Magenta (4%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 89.3410, 93.1451, 96.4891 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 89.3410, 93.1451, 96.4891 by changing the saturation by 10% instead.



89.3410, 93.1451,  
96.4891

89.3410, 93.1451,  
96.4891

514.1547,  
538.2095, 570.0269

67.7687, 70.5921,  
72.7713

145.3057,  
151.6995, 158.3335

49.9826, 52.0094,  
53.2983

180.4287,  
188.4697, 197.2971

35.6173, 37.0126,  
37.6516

220.7994,  
230.7477, 242.1797

24.3075, 25.2172,  
25.4126

266.7831,  
278.9180, 293.3999

15.6878, 16.2390,  
16.1629

318.7451,  
333.3649, 351.3762

9.3930, 9.6934,  
9.4839

377.0508,

5.0575, 5.1962,

394.4729, 416.5271

4.9571

442.0656,  
462.6263, 489.2711

■ 2.3162, 2.3628,  
2.1638

■ 0.8029, 0.8067,  
0.6534

■ 89.3410, 93.1451,  
96.4891

■ 89.3410, 93.1451,  
96.4891

■ 81.5126, 83.1213,  
76.5115

94.3185, 99.6229,  
108.8658

■ 74.5330, 73.9908,  
59.2989

■ 68.3734, 65.7314,  
44.7294

■ 63.0000, 58.3155,  
32.6697

■ 58.3767, 51.7139,  
22.9745

■ 54.4640, 45.8953,  
15.4836

■ 51.2181, 40.8260,  
10.0164

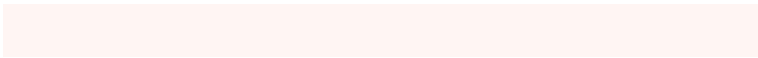
■ 48.5892, 36.4689,  
6.3632

■ 46.5180, 32.7824,  
4.2669

# Harmonies

## Analogous

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



90.1148, 93.1451, 98.2672



89.3410, 93.1451, 96.4891



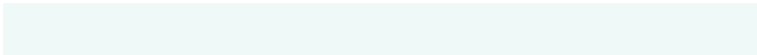
88.3555, 93.1451, 96.0217

# Triad

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



89.3410, 93.1451, 96.4891



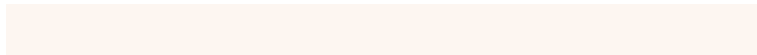
86.6264, 93.1451, 101.9248



89.6485, 93.1451, 105.9937

# Complementary

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



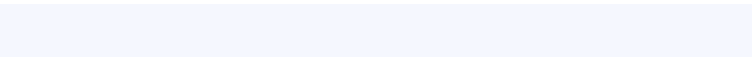
89.3410, 93.1451, 96.4891



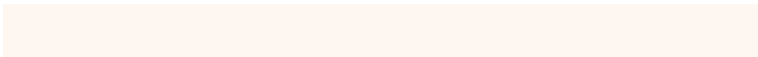
87.5726, 92.9260, 106.2507

# Split Complementary

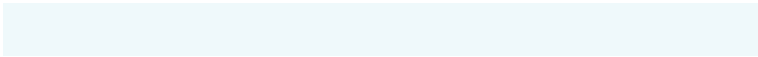
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.7080, 93.1451, 107.0152



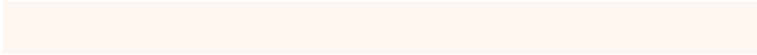
89.3410, 93.1451, 96.4891



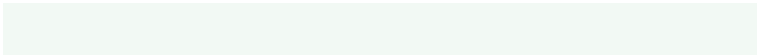
86.9671, 93.1451, 104.6378

# Square

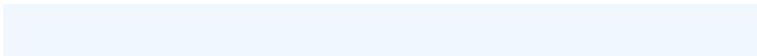
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



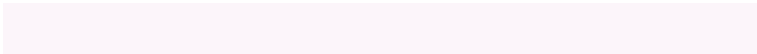
89.3410, 93.1451, 96.4891



86.7930, 93.1451, 99.1257



87.7271, 93.1451, 106.5144

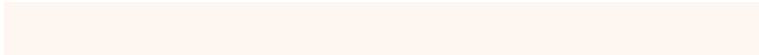


90.2933, 93.1451, 103.7477



# Rectangle

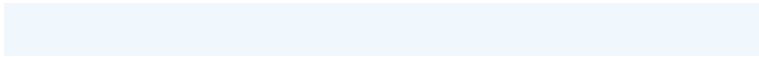
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.3410, 93.1451, 96.4891



87.7122, 93.1451, 96.5086



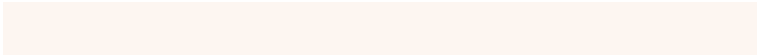
87.7271, 93.1451, 106.5144



89.3562, 93.1451, 106.4936

# Sweetspot

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



89.3436, 93.1491, 96.4911



94.1697, 98.8920, 106.5946



88.9079, 90.5719, 101.6044



20.1655, 21.1787, 22.8399



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

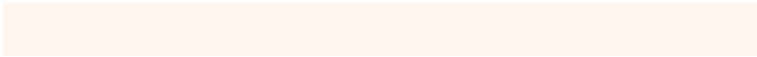


# Same Dimension

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



89.3436, 93.1491, 96.4911



89.9040, 93.4941, 95.5123



91.1968, 96.8556, 97.1089



19.1274, 19.8644, 20.1453



24.3998, 16.8109, 1.9588

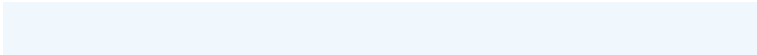


2.4806, 1.8467, 0.2257



# Inverse Universe

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



87.5726, 92.9260, 106.2507



87.6415, 93.2090, 107.9797



85.7587, 89.2983, 105.6460



18.5928, 19.7970, 23.0912



15.1697, 15.2489, 51.5784

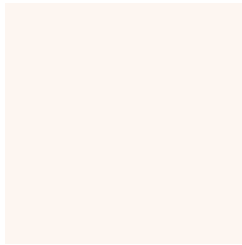


1.5850, 1.7007, 5.0580



# Previews

## White Background



This preview shows how the XYZ color 89.3410, 93.1451, 96.4891 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

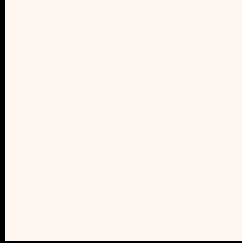
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 89.3410, 93.1451, 96.4891 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

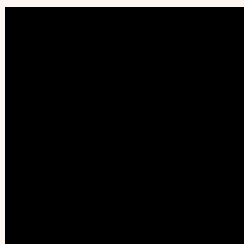
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 89.3410, 93.1451, 96.4891

## Background



This preview shows how black text looks on a background with the XYZ color 89.3410, 93.1451, 96.4891.



This preview shows how white text looks on a background with the XYZ color 89.3410, 93.1451,

96.491.

# 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**

89.3410, 93.1451, 96.4891

**Protanopia**

89.3410, 93.1451, 96.4891

**Deuteranopia**

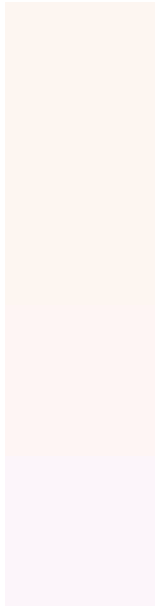
90.5270, 93.2186, 100.4105



## Tritanopia

90.8473, 93.2203, 107.8129

# Trichromacy



## Original Color

89.3410, 93.1451, 96.4891

## Protanomaly

89.3410, 93.1451, 96.4891

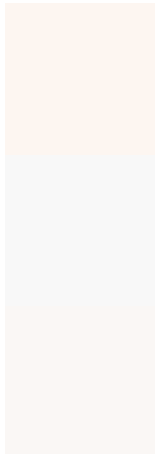
## Deuteranomaly

89.8546, 92.9073, 98.7850

## Tritanomaly

90.0526, 92.9024, 103.6282

# Monochromacy



## Original Color

89.3410, 93.1451, 96.4891

## Achromatopsia

89.2221, 93.8686, 102.2229

## Achromatomaly

89.1665, 93.4381, 99.7220

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 89.3410, 93.1451, 96.4891 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, 246, 241) looks like.

```
.text, #text, p{  
    color:rgb(253, 246, 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, 246, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 246, 241) }
```

## Border

The CSS property to change the border of an element to XYZ 89.3410, 93.1451, 96.4891 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, 246, 241) }
```



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

```
.border{ border-color:rgb(253, 246, 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, 246, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 246, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 246, 241);  
box-shadow:4px 4px 4px 4px rgb(253, 246,  
241) }
```

# Background

The CSS property to change the background color of an element to XYZ 89.3410, 93.1451, 96.4891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 246, 241) }
```

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

```
.background{ background-color: rgb(253,  
246, 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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