

Converting Colors

XYZ(88.8653, 92.3803, 95.2516)

Have a look what the booklet for
XYZ(88.8653, 92.3803, 95.2516)
contains.

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Color

**XYZ(88.8886, 92.4787,
95.6033)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF5F0
RGB	253, 245, 240
RGB Percent	99%, 96%, 94%
CMY	0.0078, 0.0392, 0.0588
CMYK	0.00, 0.03, 0.05, 0.01
HSL	23°, 76%, 97%
HSV	23°, 5%, 99%
XYZ	88.8886, 92.4787, 95.6033
YIQ	246.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

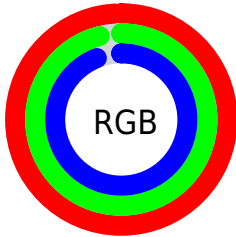
Format	Color
R _Y B	253, 248, 240
Decimal	16643568
CIE Lab	97.02, 1.82, 3.34
CIE LCh	97, 3.805, 61.380
Yxy	92.4787, 0.3209, 0.3339
Android (android.graphics.Color)	4294833648 (0xFFFD5F0)
YUV	246.8220, -3.3632, 5.4181
Hunter-Lab	96.1658, -3.2980, 8.3729

Details

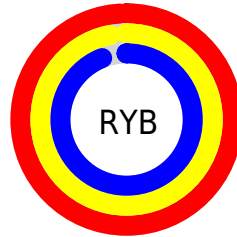
The XYZ color **88.8886, 92.4787, 95.6033** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.2322, 92.7506, 106.2347**, and the grayscale version is **88.2885, 92.8864, 101.1533**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.6143, 51.5916, 52.6906** is the 20% darker color. If you saturate the color by 10%, you get **80.8786, 82.0592, 75.6654**, and if you desaturate by 10%, it is **94.3185, 99.6229, 108.8658**.

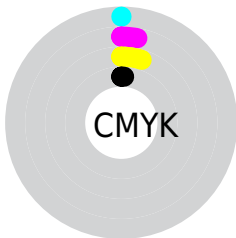
Distribution



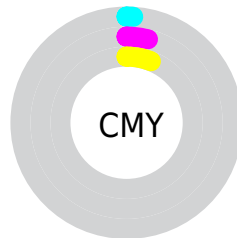
- Red (99%)
- Green (96%)
- Blue (94%)



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



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





- Cyan (1%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.8886, 92.4787, 95.6033 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 88.8886, 92.4787, 95.6033 by changing the saturation by 10% instead.


 88.8886, 92.4787,
95.6033

 88.8886, 92.4787,
95.6033


512.7008,
536.0614, 567.1282

 67.3925, 70.0383,
72.0375


144.6799,
150.7767, 157.1006

 49.6755, 51.5578,
52.7023


179.7057,
187.4031, 195.8692

 35.3724, 36.6527,
37.1791


219.9721,
229.5269, 240.5424

 24.1177, 24.9387,
25.0493

265.8445,
277.5325, 291.5390

 15.5462, 16.0314,
15.8944

317.6882,
331.8044, 349.2773

 9.2924, 9.5464,
9.2959

375.8686,

 4.9910, 5.0992,

392.7269, 414.1759

4.8353

440.7510,
460.6845, 486.6533

■ 2.2767, 2.3056,
2.0939

■ 0.7827, 0.7767,
0.6121

■ 88.8886, 92.4787,
95.6033

■ 88.8886, 92.4787,
95.6033

■ 80.8786, 82.0592,
75.6654

94.3185, 99.6229,
108.8658

■ 73.7548, 72.6091,
58.5006

■ 67.4866, 64.1031,
43.9861

■ 62.0388, 56.5103,
31.9878

■ 57.3732, 49.7979,
22.3591

■ 53.4484, 43.9309,
14.9387

■ 50.2184, 38.8716,
9.5443

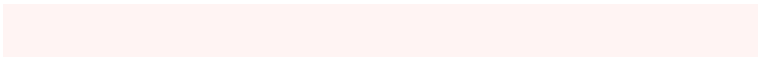
■ 47.6311, 34.5785,
5.9640

■ 45.6241, 31.0049,
3.9374

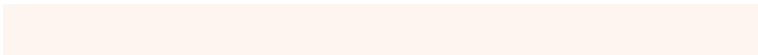
Harmonies

Analogous

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



89.6686, 92.4787, 97.6528



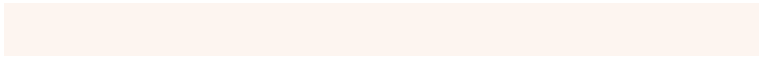
88.8886, 92.4787, 95.6033



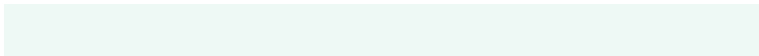
87.8486, 92.4787, 94.9103

Triad

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



88.8886, 92.4787, 95.6033



85.8550, 92.4787, 100.8357



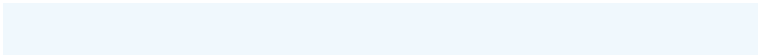
88.9752, 92.4787, 105.8145

Complementary

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



88.8886, 92.4787, 95.6033



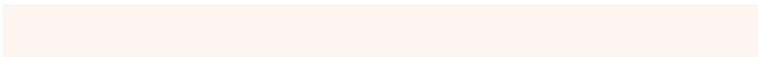
87.2322, 92.7506, 106.2347

Split Complementary

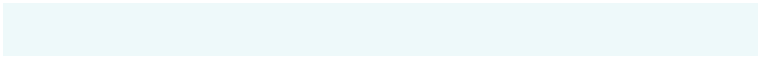
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.9479, 92.4787, 106.7071



88.8886, 92.4787, 95.6033



86.1513, 92.4787, 103.7968

Square

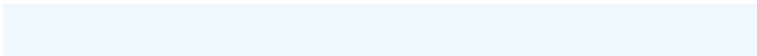
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.8886, 92.4787, 95.6033



86.1024, 92.4787, 97.8942



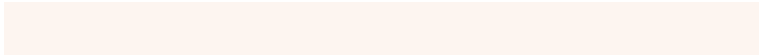
86.9152, 92.4787, 105.9614



89.7189, 92.4787, 103.5459

Rectangle

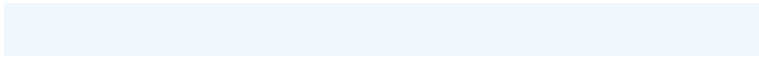
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.8886, 92.4787, 95.6033



87.1494, 92.4787, 95.2995



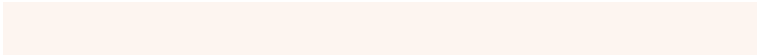
86.9152, 92.4787, 105.9614



88.6513, 92.4787, 106.2875

Sweetspot

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



88.8912, 92.4827, 95.6053



93.2471, 97.6908, 104.3018



88.6152, 89.9826, 101.5196



19.9776, 20.9341, 22.3731



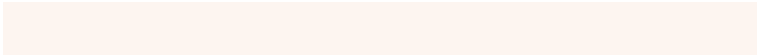
0.0000, 0.0000, 0.0000



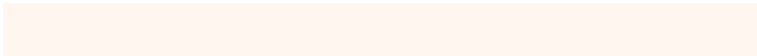
20.3446, 21.4041, 23.3091

Same Dimension

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



88.8912, 92.4827, 95.6053



89.7547, 93.1957, 95.4626



90.8858, 96.4719, 96.2702



19.0922, 19.7939, 20.1336



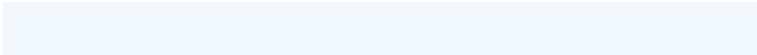
23.9724, 15.9560, 1.8163



2.4360, 1.7574, 0.2108

Inverse Universe

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



87.2322, 92.7506, 106.2347



87.7932, 93.5123, 108.0302



85.2746, 88.8354, 105.5822



18.6287, 19.8687, 23.1032



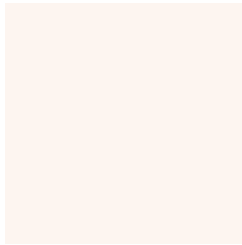
15.8663, 16.6421, 51.8106



1.6507, 1.8322, 5.0799

Previews

White Background



This preview shows how the XYZ color 88.8886, 92.4787, 95.6033 looks on a white background.

Color Contrast Check

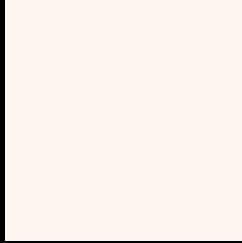
Large Text (above 18pt) WCAG AA × Fail

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 88.8886, 92.4787, 95.6033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

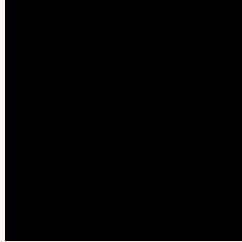
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.8886, 92.4787, 95.6033

Background



This preview shows how black text looks on a background with the XYZ color 88.8886, 92.4787, 95.6033.



This preview shows how white text looks on a background with the XYZ color 88.8886, 92.4787,

95.633.

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

88.8886, 92.4787, 95.6033

Protanopia

88.5255, 92.2915, 95.5863

Deuteranopia

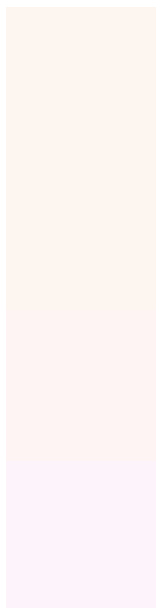
90.0721, 92.5539, 99.5036



Tritanopia

90.5456, 92.6168, 107.7123

Trichromacy



Original Color

88.8886, 92.4787, 95.6033

Protanomaly

88.5255, 92.2915, 95.5863

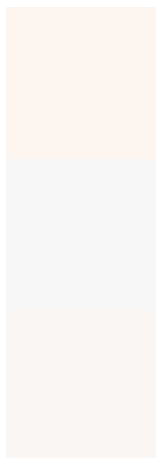
Deuteranomaly

89.4014, 92.2433, 97.8868

Tritanomaly

89.7509, 92.2989, 103.5276

Monochromacy



Original Color

88.8886, 92.4787, 95.6033

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.3518, 92.5829, 98.8016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.8886, 92.4787, 95.6033 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, 245, 240)` looks like.

```
.text, #text, p{  
    color:rgb(253, 245, 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(253, 245, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 245, 240) }
```

Border

The CSS property to change the border of an element to XYZ 88.8886, 92.4787, 95.6033 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, 245, 240) }
```


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

```
.border{ border-color:rgb(253, 245, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 245, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 245, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 245, 240);  
box-shadow:4px 4px 4px 4px rgb(253, 245,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 88.8886, 92.4787, 95.6033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 245, 240) }
```

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

```
.background{ background-color: rgb(253,  
245, 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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