

Converting Colors

XYZ(89.0847, 95.8493, 87.4486)

Have a look what the booklet for
XYZ(89.0847, 95.8493, 87.4486)
contains.

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Color

**XYZ(88.9589, 95.9177,
87.2241)**

Conversions

Conversions Part 1

Format	Color
Hex	FCFCE4
RGB	252, 252, 228
RGB Percent	99%, 99%, 89%
CMY	0.0118, 0.0117, 0.1059
CMYK	0.00, 0.00, 0.10, 0.01
HSL	60°, 80%, 94%
HSV	60°, 10%, 99%
XYZ	88.9589, 95.9177, 87.2241
YIQ	249.2640, 7.7040, -7.4640

Conversions

Conversions Part 2

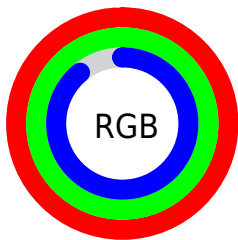
Format	Color
R _Y B	228, 252, 228
Decimal	16579812
CIE Lab	98.40, -4.01, 11.49
CIE LCh	98, 12.174, 109.249
Yxy	95.9177, 0.3269, 0.3525
Android (android.graphics.Color)	4294769892 (0xFFFCFCE4)
YUV	249.2640, -10.4832, 2.3995
Hunter-Lab	97.9376, -9.2552, 15.7521

Details

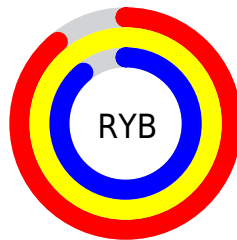
The XYZ color **88.9589, 95.9177, 87.2241** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.3127, 79.0116, 103.2765**, and the grayscale version is **90.3410, 95.0458, 103.5048**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.5636, 53.6494, 47.2783** is the 20% darker color. If you saturate the color by 10%, you get **85.7116, 94.6217, 70.1222**, and if you desaturate by 10%, it is **92.7215, 97.4261, 107.0159**.

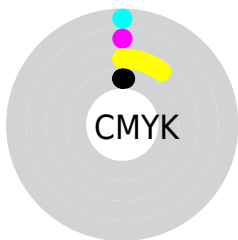
Distribution



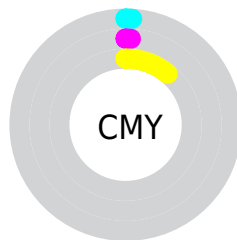
- Red (99%)
- Green (99%)
- Blue (89%)



- Red (89%)
- Yellow (99%)
- Blue (89%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (1%)



- Cyan (1%)
- Magenta (1%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.9589, 95.9177, 87.2241 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 88.9589, 95.9177, 87.2241 by changing the saturation by 10% instead.

88.9589, 95.9177,
87.2241

88.9589, 95.9177,
87.2241

512.9269,
547.0987, 539.2943

67.4509, 72.8990,
65.1200

144.7771,
155.5318, 145.3781

49.7232, 53.8934,
47.1064

179.8181,
192.8961, 182.2650

35.4104, 38.5164,
32.7648

220.1007,
235.8109, 224.9167

24.1472, 26.3838,
21.6767

265.9904,
284.6609, 273.7516

15.5682, 17.1110,
13.4235

317.8525,
339.8302, 329.1882

9.3080, 10.3136,
7.5867

376.0524,

5.0013, 5.6074,

401.7034, 391.6452

3.7477

440.9554,
470.6647, 461.5411

■ 2.2828, 2.6079,
1.4880

■ 0.7858, 0.9306,
0.2089

■ 88.9589, 95.9177,
87.2241

■ 88.9589, 95.9177,
87.2241

■ 85.7116, 94.6217,
70.1222

■ 92.7215, 97.4261,
107.0159

■ 82.9497, 93.5167,
55.5882


■ 93.0114, 97.5423,
108.5331


■ 80.6523, 92.5976,
43.5001


■ 93.0133, 97.5433,
108.5331


■ 78.7939, 91.8540,
33.7236


■ 93.0152, 97.5442,
108.5332


 77.3464, 91.2748,
26.1113


 93.0171, 97.5452,
108.5333


 76.2788, 90.8475,
20.4989


 93.0190, 97.5462,
108.5334


 75.5553, 90.5579,
16.6987

 93.0209, 97.5472,
108.5335

 75.1335, 90.3889,
14.4876

 93.0228, 97.5481,
108.5336

 74.9472, 90.3142,
13.5166

 93.0246, 97.5491,
108.5337

Harmonies

Analogous

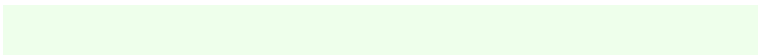
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4323, 95.9177, 86.5680



88.9589, 95.9177, 87.2241



86.1467, 95.9177, 92.3163

Triad

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



88.9589, 95.9177, 87.2241



86.8298, 95.9177, 119.7835



97.9629, 95.9177, 108.0872

Complementary

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



88.9589, 95.9177, 87.2241



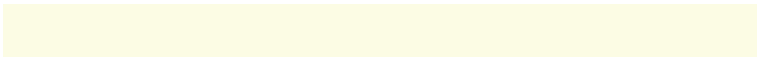
77.3127, 79.0116, 103.2765

Split Complementary

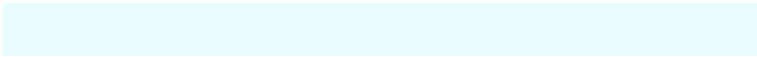
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.3784, 95.9177, 117.5770



88.9589, 95.9177, 87.2241



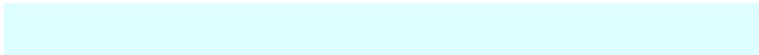
89.9131, 95.9177, 124.6122

Square

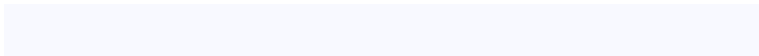
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



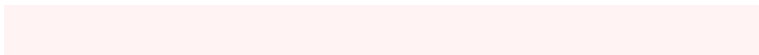
88.9589, 95.9177, 87.2241



84.9395, 95.9177, 110.9440



93.4111, 95.9177, 123.7798



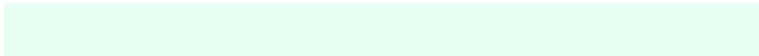
97.6915, 95.9177, 98.1916

Rectangle

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



88.9589, 95.9177, 87.2241



84.9972, 95.9177, 97.7351



93.4111, 95.9177, 123.7798



97.6281, 95.9177, 111.4407

Sweetspot

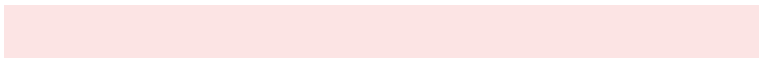
The Sweet Spot groups the original color and five complimentary colors.



88.9615, 95.9219, 87.2262



93.8420, 99.5167, 102.5418



81.8949, 81.7860, 84.8701



20.0187, 21.2737, 21.5937



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.



88.9615, 95.9219, 87.2262



90.8561, 98.3222, 86.8263



84.7527, 93.7522, 87.0292



18.7271, 20.1906, 18.3725



39.0354, 47.0418, 7.0226



3.6155, 4.3569, 0.6504

Inverse Universe

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



77.3127, 79.0116, 103.2765



77.1700, 78.4545, 105.6837



81.2521, 81.0425, 103.4609



16.2834, 16.6432, 21.7395



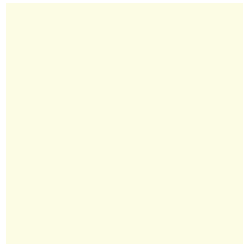
9.1533, 3.6614, 48.1978



0.8479, 0.3392, 4.4640

Previews

White Background



This preview shows how the XYZ color 88.9589, 95.9177, 87.2241 looks on a white background.

Color Contrast Check

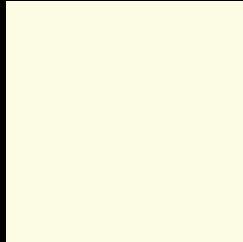
Large Text (above 18pt) WCAG AA × Fail

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 88.9589, 95.9177, 87.2241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

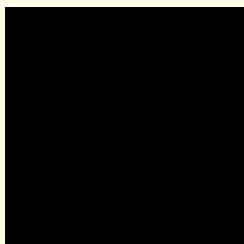
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.9589, 95.9177, 87.2241

Background



This preview shows how black text looks on a background with the XYZ color 88.9589, 95.9177, 87.2241.

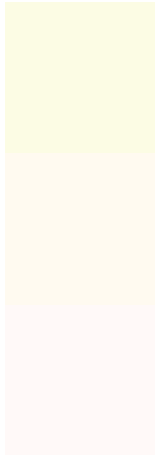


This preview shows how white text looks on a background with the XYZ color 88.9589, 95.9177,

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

88.9589, 95.9177, 87.2241

Protanopia

91.1538, 95.9225, 96.1486

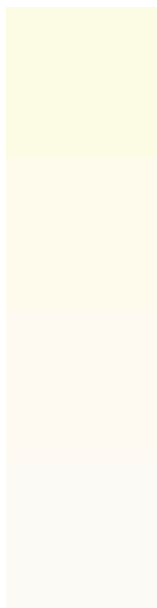
Deuteranopia

92.0590, 95.7887, 102.4440

Tritanopia

92.0706, 95.6668, 108.2206

Trichromacy



Original Color

88.9589, 95.9177, 87.2241

Protanomaly

90.5106, 96.1213, 93.1397

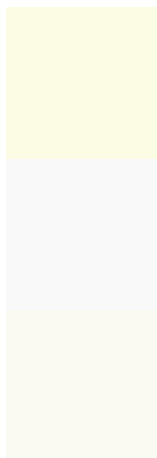
Deuteranomaly

90.9358, 95.7929, 96.9161

Tritanomaly

90.8119, 95.6592, 100.0640

Monochromacy



Original Color

88.9589, 95.9177, 87.2241

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.4871, 95.0461, 96.8483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.9589, 95.9177, 87.2241 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, 252, 228)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 228)  
}
```

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, 252, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 228) }
```

Border

The CSS property to change the border of an element to XYZ 88.9589, 95.9177, 87.2241 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, 252, 228) }
```


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

```
.border{ border-color:rgb(252, 252, 228) }
```

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

Here you see how a box with a 4 pixel rgb(252, 252, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 228);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 88.9589, 95.9177, 87.2241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 228) }
```

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

```
.background{ background-color: rgb(252,  
252, 228) }
```

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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