

Converting Colors

XYZ(96.5699, 100.0000,
79.8444)

Have a look what the booklet for
XYZ(96.5699, 100.0000, 79.8444)
contains.

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Color

**XYZ(88.5748, 95.8906,
79.4860)**

Conversions

Conversions Part 1

Format	Color
Hex	FFLCD9
RGB	255, 252, 217
RGB Percent	100%, 99%, 85%
CMY	0.0000, 0.0117, 0.1490
CMYK	0.00, 0.01, 0.15, 0.00
HSL	55°, 100%, 93%
HSV	55°, 15%, 100%
XYZ	88.5748, 95.8906, 79.4860
YIQ	248.9070, 13.0230, -10.2490

Conversions

Conversions Part 2

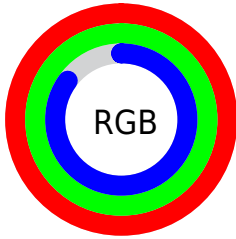
Format	Color
R _Y B	220, 255, 217
Decimal	16776409
CIE Lab	98.39, -4.67, 17.14
CIE LCh	98, 17.764, 105.248
Yxy	95.8906, 0.3356, 0.3633
Android (android.graphics.Color)	4294966489 (0xFFFFFCD9)
YUV	248.9070, -15.7302, 5.3436
Hunter-Lab	97.9237, -9.9083, 20.4201

Details

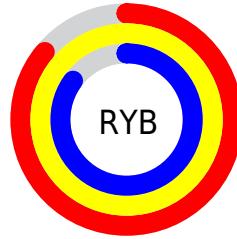
The XYZ color **88.5748, 95.8906, 79.4860** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **72.2579, 73.1561, 104.9199**, and the grayscale version is **90.0858, 94.7773, 103.2125**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.3254, 53.6446, 41.9371** is the 20% darker color. If you saturate the color by 10%, you get **84.8841, 93.4133, 63.1371**, and if you desaturate by 10%, it is **92.7892, 98.5944, 98.5404**.

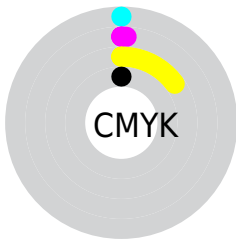
Distribution



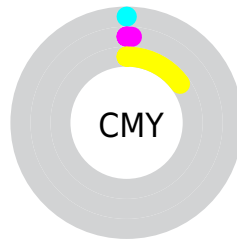
- Red (100%)
- Green (99%)
- Blue (85%)



- Red (86%)
- Yellow (100%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.5748, 95.8906, 79.4860 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 88.5748, 95.8906, 79.4860 by changing the saturation by 10% instead.


 88.5748, 95.8906,
79.4860

 88.5748, 95.8906,
79.4860

511.6910,
547.0122, 512.8599

 67.1316, 72.8764,
58.7718

144.2456,
155.4944, 134.4477

 49.4627, 53.8749,
42.0106

179.2038,
192.8529, 169.5323

 35.2027, 38.5017,
28.7840


219.3978,
235.7616, 210.2440

 23.9863, 26.3723,
18.6733

265.1929,
284.6049, 257.0016

 15.4481, 17.1024,
11.2600

316.9544,
339.7672, 310.2234

 9.2228, 10.3075,
6.1257

375.0477,

 4.9451, 5.6033,

401.6329, 370.3280

2.8516

439.8381,
470.5865, 437.7340

■ 2.2495, 2.6054,
1.0194

■ 0.7686, 0.9294,
0.0000

■ 88.5748, 95.8906,
79.4860

■ 88.5748, 95.8906,
79.4860

■ 84.8841, 93.4133,
63.1371

■ 92.7892, 98.5944,
98.5404

■ 81.6870, 91.1409,
49.3640

95.0500, 100.0000,
108.9000

■ 78.9602, 89.0673,
38.0355

■ 76.6764, 87.1814,
29.0067

■ 74.8050, 85.4711,
22.1170

■ 73.3116, 83.9224,
17.1855

■ 72.1561, 82.5194,
14.0013

■ 71.2893, 81.2423,
12.3048

■ 70.9226, 80.6252,
11.8242

Harmonies

Analogous

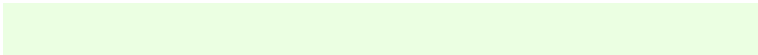
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.6726, 95.8906, 79.4333



88.5748, 95.8906, 79.4860



84.3228, 95.8906, 85.7787

Triad

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



88.5748, 95.8906, 79.4860



84.3801, 95.8906, 125.7530



101.0032, 95.8906, 111.7585

Complementary

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



88.5748, 95.8906, 79.4860



72.2579, 73.1561, 104.9199

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.



98.3175, 95.8906, 125.5575



88.5748, 95.8906, 79.4860



88.6557, 95.8906, 134.1366

Square

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



88.5748, 95.8906, 79.4860



81.9634, 95.8906, 112.0056



93.7566, 95.8906, 134.0619



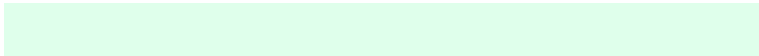
100.9796, 95.8906, 97.1631

Rectangle

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



88.5748, 95.8906, 79.4860



82.4846, 95.8906, 93.0361



93.7566, 95.8906, 134.0619



100.3830, 95.8906, 116.6720

Sweetspot

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



88.5771, 95.8947, 79.4880



93.1951, 98.8487, 100.3940



78.9940, 76.0630, 78.3454



19.8750, 21.1122, 21.1569



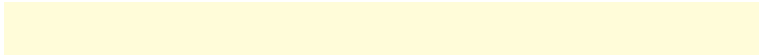
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

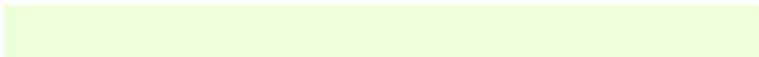
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5771, 95.8947, 79.4880



87.3782, 95.1028, 74.1379



83.9378, 94.9098, 79.5424



19.4316, 20.8313, 19.1410



37.1100, 42.2311, 6.1955



3.6481, 4.1816, 0.6149

Inverse Universe

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



72.2579, 73.1561, 104.9199



68.0957, 68.2357, 104.1895



76.4136, 74.1426, 104.8913



17.1180, 17.6075, 22.7463



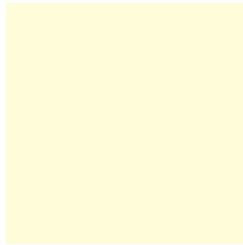
9.6033, 4.1162, 49.7229



0.9728, 0.4764, 4.8539

Previews

White Background



This preview shows how the XYZ color 88.5748, 95.8906, 79.4860 looks on a white background.

Color Contrast Check

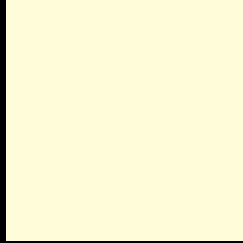
Large Text (above 18pt) WCAG AA × Fail

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 88.5748, 95.8906, 79.4860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

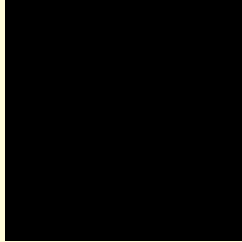
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.5748, 95.8906, 79.4860

Background



This preview shows how black text looks on a background with the XYZ color 88.5748, 95.8906, 79.4860.



This preview shows how white text looks on a background with the XYZ color 88.5748, 95.8906,

79.4860.

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

88.5748, 95.8906, 79.4860



Protanopia

90.8582, 95.8043, 94.5922



Deuteranopia

91.9042, 95.7268, 101.6289

Tritanopia

92.7987, 96.0422, 108.2547

Trichromacy



Original Color

88.5748, 95.8906, 79.4860

Protanomaly

90.0201, 95.9675, 88.6419

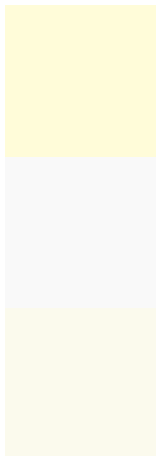
Deuteranomaly

90.5659, 95.6873, 93.0530

Tritanomaly

90.9358, 95.7929, 96.9161

Monochromacy



Original Color

88.5748, 95.8906, 79.4860

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.2553, 94.9949, 93.7523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.5748, 95.8906, 79.4860 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(255, 252, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 217)  
}
```

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(255, 252, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 217) }
```

Border

The CSS property to change the border of an element to XYZ 88.5748, 95.8906, 79.4860 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(255, 252, 217) }
```


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

```
.border{ border-color:rgb(255, 252, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 88.5748, 95.8906, 79.4860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 217) }
```

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

```
.background{ background-color: rgb(255,  
252, 217) }
```

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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