

Converting Colors

XYZ(89.2650, 97.6409, 80.4722)

Have a look what the booklet for
XYZ(89.2650, 97.6409, 80.4722)
contains.

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Color

**XYZ(89.2879, 97.6528,
80.4726)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFFDA
RGB	254, 255, 218
RGB Percent	100%, 100%, 85%
CMY	0.0039, 0.0000, 0.1451
CMYK	0.00, 0.00, 0.15, 0.00
HSL	62°, 100%, 93%
HSV	62°, 15%, 100%
XYZ	89.2879, 97.6528, 80.4726
YIQ	250.4830, 11.2810, -11.7190

Conversions

Conversions Part 2

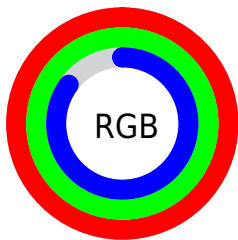
Format	Color
R _Y B	218, 255, 219
Decimal	16711642
CIE Lab	99.09, -6.37, 17.60
CIE LCh	99, 18.714, 109.890
Yxy	97.6528, 0.3339, 0.3652
Android (android.graphics.Color)	4294901722 (0xFFFEFFDA)
YUV	250.4830, -16.0141, 3.0844
Hunter-Lab	98.8194, -11.6510, 20.8914

Details

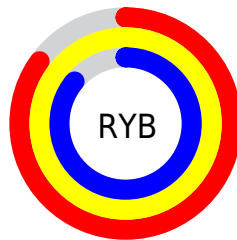
The XYZ color **89.2879, 97.6528, 80.4726** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **72.3358, 72.4242, 104.7745**, and the grayscale version is **91.3869, 96.1461, 104.7031**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.8309, 54.9028, 42.6213** is the 20% darker color. If you saturate the color by 10%, you get **85.9519, 96.2893, 64.2169**, and if you desaturate by 10%, it is **93.1395, 99.2226, 99.4350**.

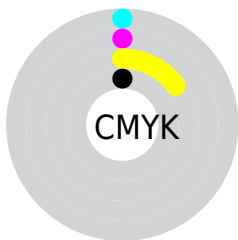
Distribution



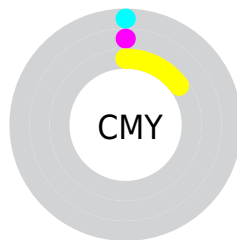
- Red (100%)
- Green (100%)
- Blue (85%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.2879, 97.6528, 80.4726 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 89.2879, 97.6528, 80.4726 by changing the saturation by 10% instead.


 89.2879, 97.6528,
80.4726

 89.2879, 97.6528,
80.4726


513.9842,
552.6232, 516.2728

 67.7245, 74.3449,
59.5789

145.2322,
157.9245, 135.8474

 49.9465, 55.0763,
42.6562


180.3439,
195.6571, 171.1655

 35.5885, 39.4628,
29.2861


220.7024,
238.9666, 212.1289

 24.2852, 27.1200,
19.0499

266.6730,
288.2376, 259.1560

 15.6712, 17.6634,
11.5292

318.6211,
343.8543, 312.6654

 9.3812, 10.7086,
6.3053

376.9121,

 5.0497, 5.8712,

406.2013, 373.0756

2.9598

441.9114,
475.6627, 440.8053

■ 2.3115, 2.7669,
1.0742

■ 0.8005, 1.0113,
0.0000

■ 89.2879, 97.6528,
80.4726

■ 89.2879, 97.6528,
80.4726

■ 85.9519, 96.2893,
64.2169

■ 93.1395, 99.2226,
99.4350

■ 83.1062, 95.1221,
50.5405

95.0500, 100.0000,
108.9000

■ 80.7263, 94.1413,
39.3120

■ 78.7848, 93.3359,
30.3869

■ 77.2512, 92.6938,
23.6054

■ 76.0914, 92.2014,
18.7875

■ 75.2656, 91.8426,
15.7238

■ 74.7249, 91.5980,
14.1573

■ 74.5114, 91.4971,
13.7335

Harmonies

Analogous

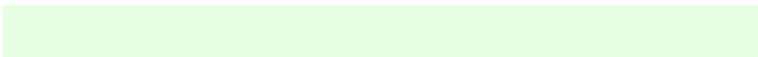
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6722, 97.6528, 79.3751



89.2879, 97.6528, 80.4726



85.0117, 97.6528, 88.0993

Triad

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



89.2879, 97.6528, 80.4726



86.2117, 97.6528, 131.0355



103.5463, 97.6528, 111.6960

Complementary

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



89.2879, 97.6528, 80.4726



72.3358, 72.4242, 104.7745

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.



101.0840, 97.6528, 126.9106



89.2879, 97.6528, 80.4726



90.9843, 97.6528, 138.7792

Square

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



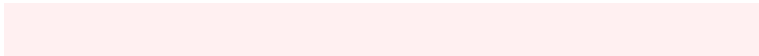
89.2879, 97.6528, 80.4726



83.2845, 97.6528, 116.8944



96.4360, 97.6528, 137.1998



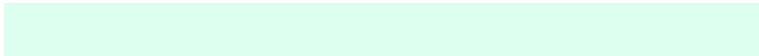
103.0485, 97.6528, 96.4170

Rectangle

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



89.2879, 97.6528, 80.4726



83.2973, 97.6528, 96.3156



96.4360, 97.6528, 137.1998



103.0337, 97.6528, 117.0098

Sweetspot

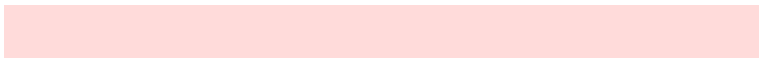
The Sweet Spot groups the original color and five complimentary colors.



89.2885, 97.6530, 80.4740



93.3496, 99.3081, 100.4745



79.1273, 76.7864, 76.9819



19.9143, 21.2290, 21.1774



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

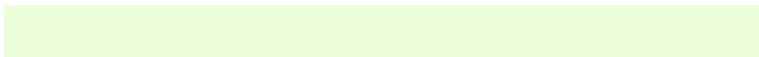
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.2885, 97.6530, 80.4740



88.4101, 97.2944, 76.1761



82.9689, 94.3952, 80.1783



19.5098, 21.0643, 19.1819



38.9556, 47.8204, 7.1771



3.8077, 4.6637, 0.6995

Inverse Universe

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



72.3358, 72.4242, 104.7745



68.8947, 68.2515, 104.1505



78.0863, 75.3887, 105.0436



17.0484, 17.4011, 22.7102



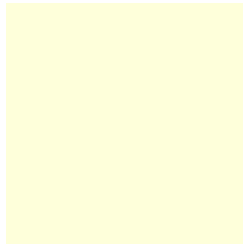
9.4962, 3.8059, 49.6687



0.9399, 0.3784, 4.8368

Previews

White Background



This preview shows how the XYZ color 89.2879, 97.6528, 80.4726 looks on a white background.

Color Contrast Check

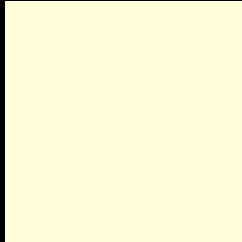
Large Text (above 18pt) WCAG AA × Fail

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 89.2879, 97.6528, 80.4726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

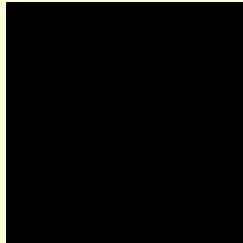
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.2879, 97.6528, 80.4726

Background



This preview shows how black text looks on a background with the XYZ color 89.2879, 97.6528, 80.4726.



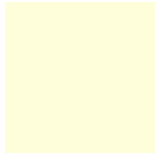
This preview shows how white text looks on a background with the XYZ color 89.2879, 97.6528,

80.4726.

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

89.2879, 97.6528, 80.4726

Protanopia

92.5318, 97.4734, 100.3235

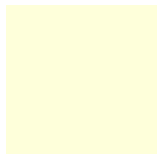
Deuteranopia

93.3057, 97.7829, 104.3987

Tritanopia

93.7335, 97.9116, 108.5663

Trichromacy



Original Color

89.2879, 97.6528, 80.4726



Protanomaly

91.3607, 97.5087, 92.6031

Deuteranomaly

91.7979, 97.6836, 94.9055

Tritanomaly

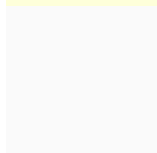
92.0253, 97.7322, 98.0183

Monochromacy



Original Color

89.2879, 97.6528, 80.4726



Achromatopsia

90.8653, 95.5973, 104.1055



Achromatomaly

90.0267, 96.3031, 94.7324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.2879, 97.6528, 80.4726 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(254, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 218)  
}
```

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(254, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 218) }
```

Border

The CSS property to change the border of an element to XYZ 89.2879, 97.6528, 80.4726 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(254, 255, 218) }
```


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

```
.border{ border-color:rgb(254, 255, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 255, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 89.2879, 97.6528, 80.4726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 218) }
```

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

```
.background{ background-color: rgb(254,  
255, 218) }
```

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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