

Converting Colors

XYZ(80.8971, 83.7506, 79.2387)

Have a look what the booklet for
XYZ(80.8971, 83.7506, 79.2387)
contains.

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Color

**XYZ(80.9204, 83.9166,
78.9504)**

Conversions

Conversions Part 1

Format	Color
Hex	F8EADB
RGB	248, 234, 219
RGB Percent	97%, 92%, 86%
CMY	0.0274, 0.0823, 0.1412
CMYK	0.00, 0.06, 0.12, 0.03
HSL	31°, 67%, 92%
HSV	31°, 12%, 97%
XYZ	80.9204, 83.9166, 78.9504
YIQ	236.4760, 13.1590, -1.6970

Conversions

Conversions Part 2

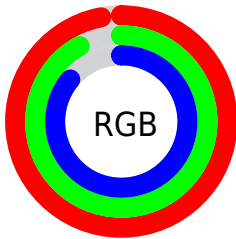
Format	Color
R _Y B	246, 248, 219
Decimal	16313051
CIE Lab	93.41, 2.28, 8.97
CIE LCh	93, 9.252, 75.760
Yxy	83.9166, 0.3319, 0.3442
Android (android.graphics.Color)	4294503131 (0xFFF8EADB)
YUV	236.4760, -8.6157, 10.1065
Hunter-Lab	91.6060, -2.6321, 13.0253

Details

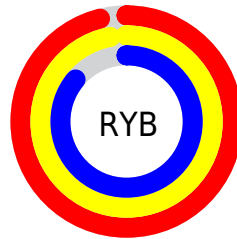
The XYZ color **80.9204, 83.9166, 78.9504** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.2953, 80.1136, 100.3027**, and the grayscale version is **80.1525, 84.3267, 91.8318**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1071, 45.5975, 41.5985** is the 20% darker color. If you saturate the color by 10%, you get **74.6033, 76.1233, 61.9190**, and if you desaturate by 10%, it is **87.9588, 92.3723, 98.6240**.

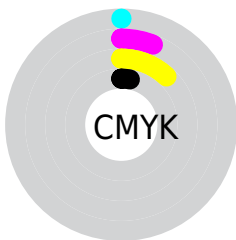
Distribution



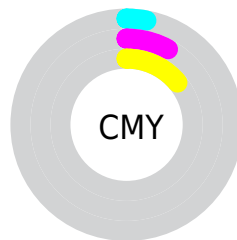
- Red (97%)
- Green (92%)
- Blue (86%)



- Red (96%)
- Yellow (97%)
- Blue (86%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (3%)





- Cyan (3%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.9204, 83.9166, 78.9504 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 80.9204, 83.9166, 78.9504 by changing the saturation by 10% instead.


 80.9204, 83.9166,
78.9504

 80.9204, 83.9166,
78.9504


486.7187,
508.0362, 511.0017

 60.7871, 62.9466,
58.3340


133.6027,
138.8585, 133.6871

 44.3053, 45.7980,
41.6607


166.8825,
173.5992, 168.6444

 31.1095, 32.0864,
28.5121


205.2751,
213.6989, 209.2190

 20.8345, 21.4275,
18.4697

249.1460,
259.5420, 255.8296

 13.1148, 13.4369,
11.1148

298.8604,
311.5128, 308.8946

 7.5852, 7.7301,
6.0290

354.7837,

 3.8803, 3.9227,

369.9959, 368.8326

2.7936

417.2814,
435.3756, 436.0621

■ 1.6346, 1.6304,
0.9902

■ 0.4148, 0.3780,
0.0000

■ 80.9204, 83.9166,
78.9504

■ 80.9204, 83.9166,
78.9504

■ 74.6033, 76.1233,
61.9190

■ 87.9588, 92.3723,
98.6240

■ 68.9746, 68.9637,
47.4100

■ 92.5217, 98.6966,
108.7817

■ 64.0090, 62.4230,
35.3024

■ 59.6767, 56.4816,
25.4629

■ 55.9451, 51.1184,
17.7450

■ 52.7784, 46.3111,
11.9849

■ 50.1358, 42.0345,
7.9943

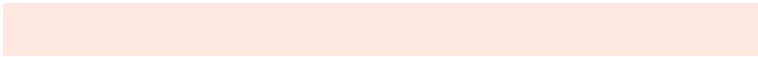
■ 47.9691, 38.2607,
5.5470

■ 46.4723, 35.4778,
4.3985

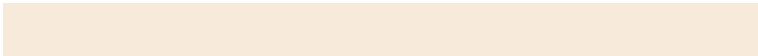
Harmonies

Analogous

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



83.0800, 83.9166, 82.0743



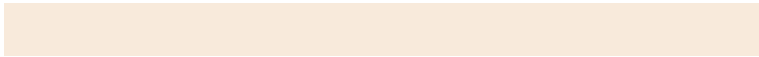
80.9204, 83.9166, 78.9504



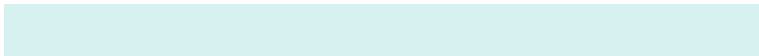
78.4920, 83.9166, 79.0342

Triad

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



80.9204, 83.9166, 78.9504



75.3275, 83.9166, 95.0711



83.1706, 83.9166, 101.0742

Complementary

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



80.9204, 83.9166, 78.9504



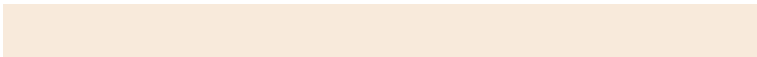
75.2953, 80.1136, 100.3027

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.



81.0420, 83.9166, 104.9289



80.9204, 83.9166, 78.9504



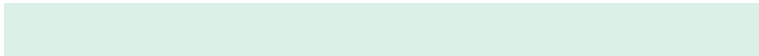
76.5300, 83.9166, 101.3443

Square

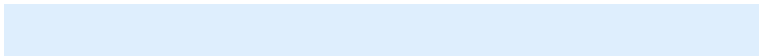
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.9204, 83.9166, 78.9504



75.2964, 83.9166, 88.1039



78.6112, 83.9166, 105.0302



84.3970, 83.9166, 94.7177

Rectangle

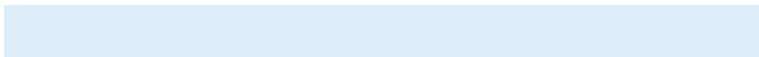
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.9204, 83.9166, 78.9504



77.0484, 83.9166, 80.8906



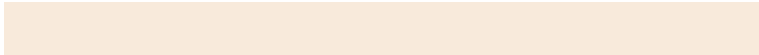
78.6112, 83.9166, 105.0302



82.5349, 83.9166, 102.7195

Sweetspot

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



80.9227, 83.9203, 78.9522



91.9006, 96.2598, 99.9625



78.7543, 76.5048, 87.7204



19.5468, 20.4557, 21.0475



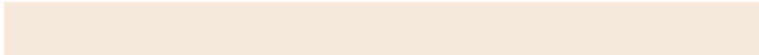
0.0000, 0.0000, 0.0000



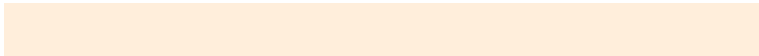
20.3446, 21.4041, 23.3091

Same Dimension

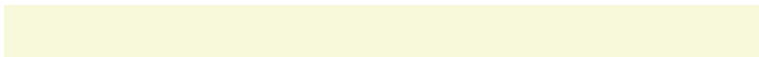
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.9227, 83.9203, 78.9522



84.5737, 87.4063, 79.6387



84.8947, 92.1183, 80.3252



17.9875, 18.7108, 18.1259



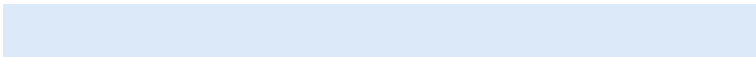
25.2455, 19.4476, 2.4232



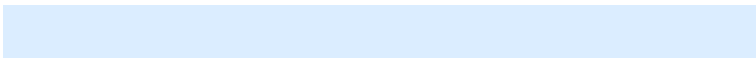
2.4443, 2.0135, 0.2598

Inverse Universe

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



75.2953, 80.1136, 100.3027



77.5016, 82.6224, 106.4707



71.6350, 72.5767, 99.0408



16.9743, 18.0255, 21.9699



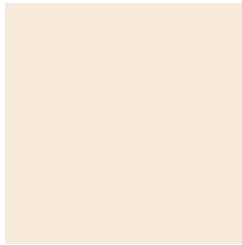
12.8995, 11.1545, 49.4467



1.3003, 1.2443, 4.6148

Previews

White Background



This preview shows how the XYZ color 80.9204, 83.9166, 78.9504 looks on a white background.

Color Contrast Check

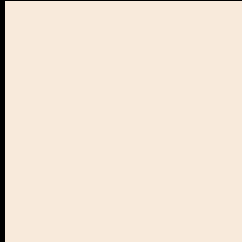
Large Text (above 18pt) WCAG AA × Fail

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 80.9204, 83.9166, 78.9504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

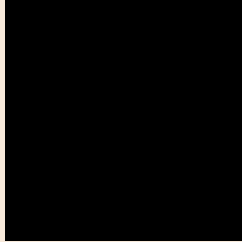
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.9204, 83.9166, 78.9504

Background



This preview shows how black text looks on a background with the XYZ color 80.9204, 83.9166, 78.9504.



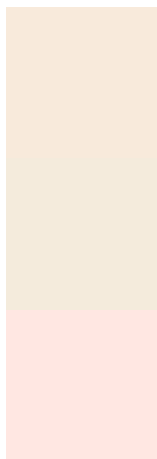
This preview shows how white text looks on a background with the XYZ color 80.9204, 83.9166,

78.9504.

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

80.9204, 83.9166, 78.9504

Protanopia

79.9348, 83.8171, 79.6754

Deuteranopia

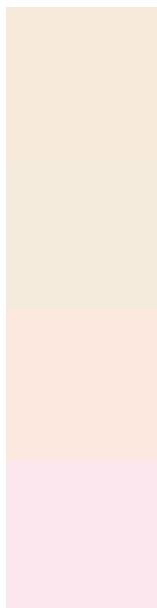
83.5434, 83.9028, 83.7432



Tritanopia

85.3850, 84.0664, 100.5331

Trichromacy



Original Color

80.9204, 83.9166, 78.9504

Protanomaly

80.2828, 83.9964, 79.6917

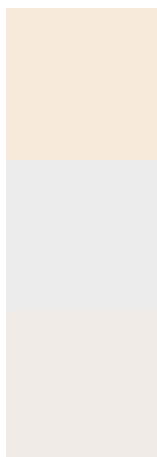
Deuteranomaly

82.3208, 83.7364, 81.6360

Tritanomaly

83.6456, 83.7755, 91.8824

Monochromacy



Original Color

80.9204, 83.9166, 78.9504

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.9264, 83.6551, 86.7974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.9204, 83.9166, 78.9504 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(248, 234, 219) looks like.

```
.text, #text, p{  
    color:rgb(248, 234, 219)  
}
```

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(248, 234, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 234, 219) }
```

Border

The CSS property to change the border of an element to XYZ 80.9204, 83.9166, 78.9504 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(248, 234, 219) }
```


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

```
.border{ border-color:rgb(248, 234, 219) }
```

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

Here you see how a box with a 4 pixel rgb(248, 234, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 234, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 234, 219);  
box-shadow:4px 4px 4px 4px rgb(248, 234,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 80.9204, 83.9166, 78.9504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 234, 219) }
```

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

```
.background{ background-color: rgb(248,  
234, 219) }
```

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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