

Converting Colors

XYZ(81.8286, 83.9275, 79.5978)

Have a look what the booklet for
XYZ(81.8286, 83.9275, 79.5978)
contains.

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Color

**XYZ(81.8408, 83.9544,
79.6015)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE9DC
RGB	251, 233, 220
RGB Percent	98%, 91%, 86%
CMY	0.0157, 0.0863, 0.1372
CMYK	0.00, 0.07, 0.12, 0.02
HSL	25°, 79%, 92%
HSV	25°, 12%, 98%
XYZ	81.8408, 83.9544, 79.6015
YIQ	236.9000, 14.9010, -0.2270

Conversions

Conversions Part 2

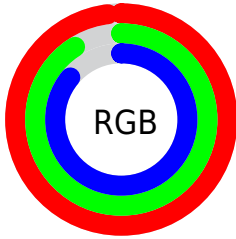
Format	Color
RYB	251, 242, 220
Decimal	16509404
CIELab	93.43, 3.99, 8.50
CIElCh	93, 9.395, 64.836
Yxy	83.9544, 0.3335, 0.3421
Android (android.graphics.Color)	4294699484 (0xFFFBE9DC)
YUV	236.9000, -8.3317, 12.3657
Hunter-Lab	91.6266, -0.9106, 12.6299

Details

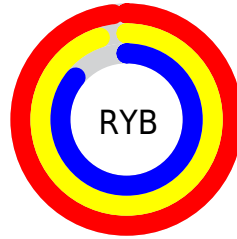
The XYZ color **81.8408, 83.9544, 79.6015** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.5019, 83.3279, 103.2665**, and the grayscale version is **80.4754, 84.6663, 92.2016**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7618, 45.6302, 42.0456** is the 20% darker color. If you saturate the color by 10%, you get **74.8077, 74.8143, 62.0693**, and if you desaturate by 10%, it is **89.7183, 93.9828, 99.8796**.

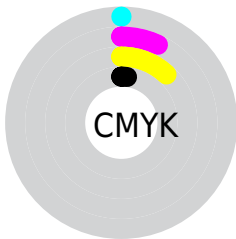
Distribution



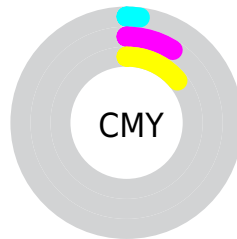
- Red (98%)
- Green (91%)
- Blue (86%)



- Red (98%)
- Yellow (95%)
- Blue (86%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.8408, 83.9544, 79.6015 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 81.8408, 83.9544, 79.6015 by changing the saturation by 10% instead.


 81.8408, 83.9544,
79.6015

 81.8408, 83.9544,
79.6015


489.7576,
508.1618, 513.2602

 61.5480, 62.9778,
58.8662

134.8877,
138.9114, 134.6116

 44.9218, 45.8232,
42.0862


168.3725,
173.6606, 169.7236

 31.5968, 32.1064,
28.8427


206.9854,
213.7694, 210.4649

 21.2078, 21.4428,
18.7173

251.0916,
259.6222, 257.2541

 13.3893, 13.4480,
11.2914

301.0566,
311.6035, 310.5096

 7.7760, 7.7378,
6.1466

357.2457,

 4.0026, 3.9276,

370.0976, 370.6502

2.8642

420.0242,
435.4889, 438.0941

■ 1.7036, 1.6332,
1.0257

■ 0.4585, 0.3798,
0.0000

■ 81.8408, 83.9544,
79.6015

■ 81.8408, 83.9544,
79.6015

■ 74.8077, 74.8143,
62.0693

■ 89.7183, 93.9828,
99.8796

■ 68.5818, 66.5260,
47.1580

■ 93.5939, 99.2494,
108.8319

■ 63.1330, 59.0669,
34.7411

■ 58.4265, 52.4088,
24.6792

■ 54.4246, 46.5219,
16.8191

■ 51.0856, 41.3739,
10.9892

■ 48.3625, 36.9299,
6.9919

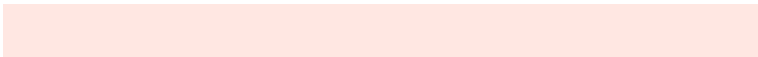
■ 46.1999, 33.1505,
4.5888

■ 44.8659, 30.6733,
3.5559

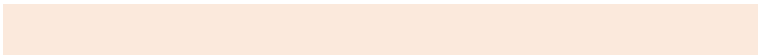
Harmonies

Analogous

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



83.7740, 83.9544, 83.8317



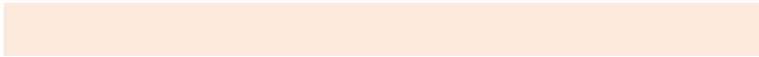
81.8408, 83.9544, 79.6015



79.3949, 83.9544, 78.4694

Triad

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



81.8408, 83.9544, 79.6015



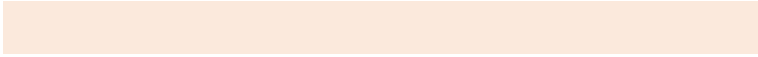
75.1388, 83.9544, 92.5680



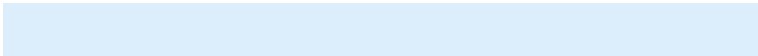
82.5508, 83.9544, 103.0845

Complementary

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



81.8408, 83.9544, 79.6015



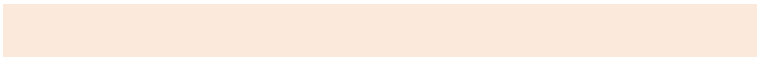
77.5019, 83.3279, 103.2665

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.



80.1987, 83.9544, 105.7050



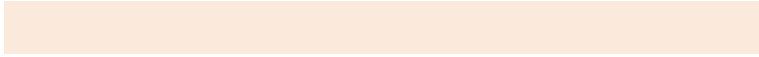
81.8408, 83.9544, 79.6015



75.9462, 83.9544, 99.4362

Square

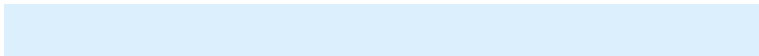
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.8408, 83.9544, 79.6015



75.5580, 83.9544, 85.7277



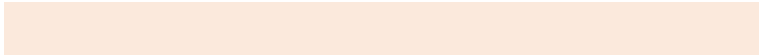
77.7858, 83.9544, 104.3366



84.1899, 83.9544, 97.3423

Rectangle

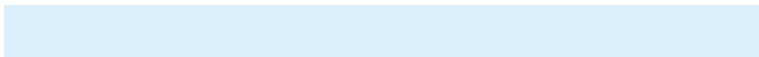
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.8408, 83.9544, 79.6015



77.8102, 83.9544, 79.5713



77.7858, 83.9544, 104.3366



81.8156, 83.9544, 104.3728

Sweetspot

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



81.8431, 83.9581, 79.6033



91.5910, 95.6406, 99.8593



80.8226, 77.8747, 91.7255



19.4685, 20.2991, 21.0214



0.0000, 0.0000, 0.0000



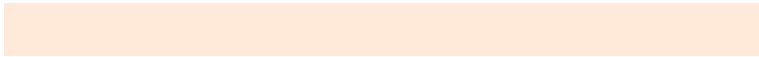
20.3446, 21.4041, 23.3091

Same Dimension

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



81.8431, 83.9581, 79.6033



82.8132, 84.4193, 77.4051



86.3983, 93.0686, 81.1217



17.8430, 18.4218, 18.0777



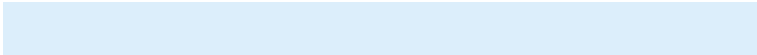
23.7196, 16.3959, 1.9146



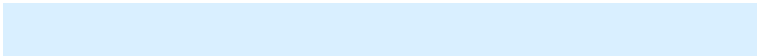
2.2990, 1.7229, 0.2114

Inverse Universe

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



77.5019, 83.3279, 103.2665



77.4439, 83.6393, 106.6700



73.2054, 74.7348, 101.8343



17.1200, 18.3169, 22.0185



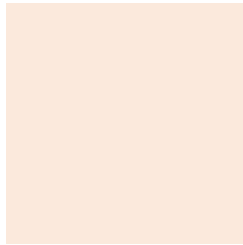
14.6790, 14.7135, 50.0399



1.4643, 1.5723, 4.6695

Previews

White Background



This preview shows how the XYZ color 81.8408, 83.9544, 79.6015 looks on a white background.

Color Contrast Check

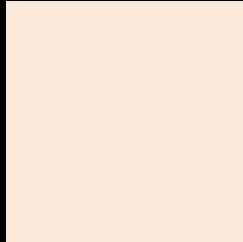
Large Text (above 18pt) WCAG AA × Fail

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 81.8408, 83.9544, 79.6015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

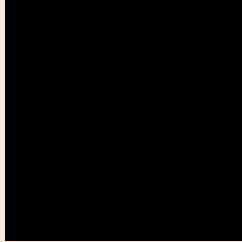
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.8408, 83.9544, 79.6015

Background



This preview shows how black text looks on a background with the XYZ color 81.8408, 83.9544, 79.6015.



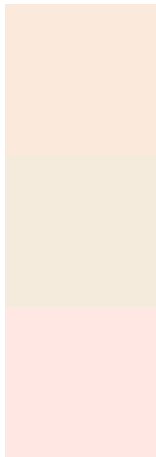
This preview shows how white text looks on a background with the XYZ color 81.8408, 83.9544,

79.6015.

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

81.8408, 83.9544, 79.6015

Protanopia

80.0677, 83.8702, 80.3752

Deuteranopia

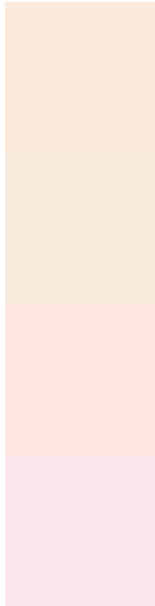
83.6810, 83.9579, 84.4681



Tritanopia

86.0478, 84.0140, 99.6768

Trichromacy



Original Color

81.8408, 83.9544, 79.6015

Protanomaly

80.8317, 83.8403, 80.3291

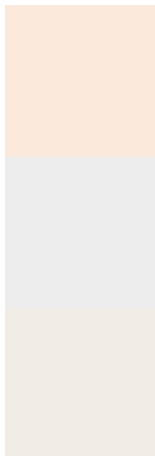
Deuteranomaly

83.1842, 84.1659, 82.3824

Tritanomaly

84.4559, 83.7789, 91.8404

Monochromacy



Original Color

81.8408, 83.9544, 79.6015

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.0372, 84.6377, 87.6669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.8408, 83.9544, 79.6015 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(251, 233, 220) looks like.

```
.text, #text, p{  
    color:rgb(251, 233, 220)  
}
```

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(251, 233, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 233, 220) }
```

Border

The CSS property to change the border of an element to XYZ 81.8408, 83.9544, 79.6015 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(251, 233, 220) }
```


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

```
.border{ border-color:rgb(251, 233, 220) }
```

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

Here you see how a box with a 4 pixel rgb(251, 233, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 233, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 233, 220);  
box-shadow:4px 4px 4px 4px rgb(251, 233,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 81.8408, 83.9544, 79.6015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 233, 220) }
```

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

```
.background{ background-color: rgb(251,  
233, 220) }
```

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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