

Converting Colors

XYZ(80.5621, 81.5399, 78.3374)

Have a look what the booklet for
XYZ(80.5621, 81.5399, 78.3374)
contains.

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Color

**XYZ(80.5892, 81.6623,
78.5327)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE5DB
RGB	251, 229, 219
RGB Percent	98%, 90%, 86%
CMY	0.0157, 0.1019, 0.1412
CMYK	0.00, 0.09, 0.13, 0.02
HSL	19°, 80%, 92%
HSV	19°, 13%, 98%
XYZ	80.5892, 81.6623, 78.5327
YIQ	234.4380, 16.3220, 1.5540

Conversions

Conversions Part 2

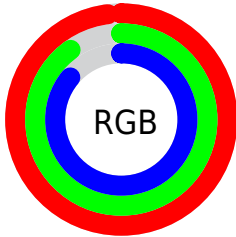
Format	Color
R _Y B	251, 234, 219
Decimal	16508379
CIE Lab	92.43, 5.89, 7.58
CIE LCh	92, 9.599, 52.153
Yxy	81.6623, 0.3347, 0.3392
Android (android.graphics.Color)	4294698459 (0xFFFFBE5DB)
YUV	234.4380, -7.6109, 14.5249
Hunter-Lab	90.3672, 1.0432, 11.7317

Details

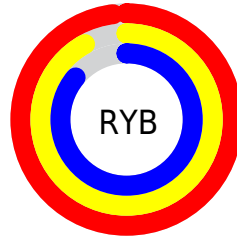
The XYZ color **80.5892, 81.6623, 78.5327** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.0811, 84.9342, 103.5464**, and the grayscale version is **78.5878, 82.6804, 90.0390**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0850, 44.4218, 41.3727** is the 20% darker color. If you saturate the color by 10%, you get **72.9924, 71.3637, 60.9084**, and if you desaturate by 10%, it is **89.1632, 93.1164, 98.9428**.

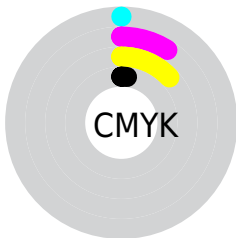
Distribution



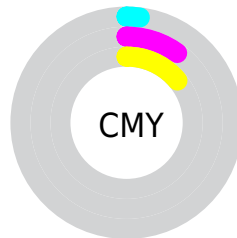
- Red (98%)
- Green (90%)
- Blue (86%)



- Red (98%)
- Yellow (92%)
- Blue (86%)



- Cyan (0%)
- Magenta (9%)
- Yellow (13%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.5892, 81.6623, 78.5327 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 80.5892, 81.6623, 78.5327 by changing the saturation by 10% instead.


 80.5892, 81.6623,
78.5327

 80.5892, 81.6623,
78.5327


485.6226,
500.5174, 509.5498

 60.5135, 61.0872,
57.9926

133.1400,
135.7003, 133.0935

 44.0837, 44.2956,
41.3881


166.3457,
169.9321, 167.9513

 30.9345, 30.9029,
28.3005


204.6589,
209.4848, 208.4187

 20.7005, 20.5249,
18.3113

248.4447,
254.7429, 254.9144

 13.0165, 12.7772,
11.0019

298.0687,
306.0909, 307.8568

 7.5170, 7.2753,
5.9540

353.8961,

 3.8367, 3.6349,

363.9130, 367.6645

2.7488

416.2923,
428.5937, 434.7560

■ 1.6101, 1.4715,
0.9678

■ 0.3990, 0.2685,
0.0000

■ 80.5892, 81.6623,
78.5327

■ 80.5892, 81.6623,
78.5327

■ 72.9924, 71.3637,
60.9084

■ 89.1632, 93.1164,
98.9428

■ 66.3302, 62.1732,
45.9431

■ 93.5941, 99.2495,
108.8319

■ 60.5664, 54.0560,
33.5077

■ 55.6598, 46.9715,
23.4603

■ 51.5659, 40.8761,
15.6447

■ 48.2354, 35.7230,
9.8862

■ 45.6132, 31.4611,
5.9831

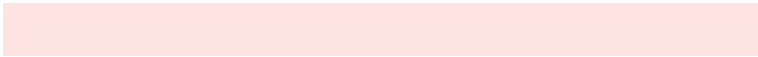
■ 43.6346, 28.0331,
3.6920

■ 42.5422, 26.0256,
2.7812

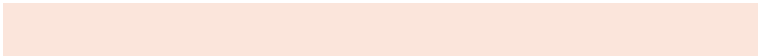
Harmonies

Analogous

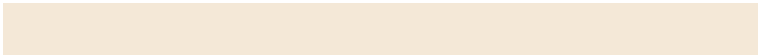
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1321, 81.6623, 83.8506



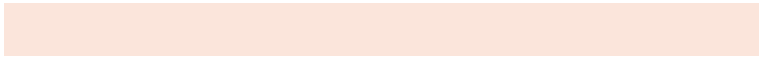
80.5892, 81.6623, 78.5327



78.2724, 81.6623, 76.0256

Triad

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



80.5892, 81.6623, 78.5327



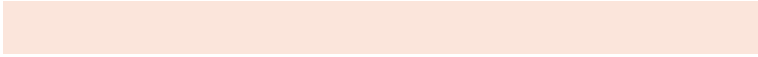
72.9753, 81.6623, 87.0594



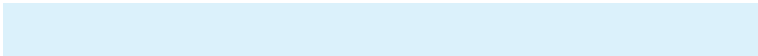
79.4351, 81.6623, 102.2157

Complementary

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



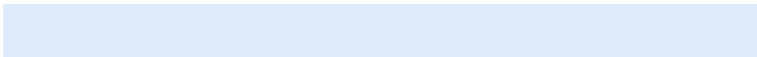
80.5892, 81.6623, 78.5327



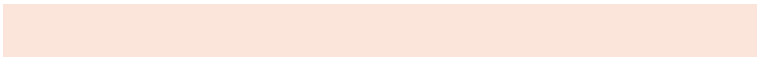
78.0811, 84.9342, 103.5464

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.



76.9664, 81.6623, 103.1876



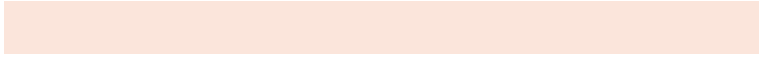
80.5892, 81.6623, 78.5327



73.2716, 81.6623, 94.1821

Square

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



80.5892, 81.6623, 78.5327



73.9017, 81.6623, 80.7742



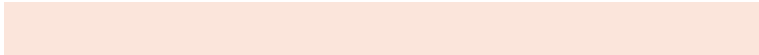
74.7199, 81.6623, 100.1772



81.4559, 81.6623, 97.5881

Rectangle

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



80.5892, 81.6623, 78.5327



76.6150, 81.6623, 76.1867



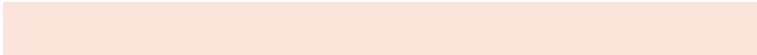
74.7199, 81.6623, 100.1772



78.6288, 81.6623, 102.9904

Sweetspot

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



80.5914, 81.6659, 78.5344



91.2549, 94.9683, 99.7473



81.0533, 77.5482, 94.2301



19.3835, 20.1293, 20.9931



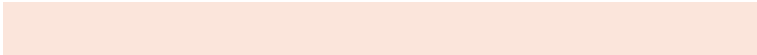
0.0000, 0.0000, 0.0000



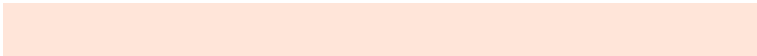
20.3446, 21.4041, 23.3091

Same Dimension

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



80.5914, 81.6659, 78.5344



81.6706, 82.1342, 77.0243



85.1024, 90.6878, 80.0381



17.6873, 18.1105, 18.0258



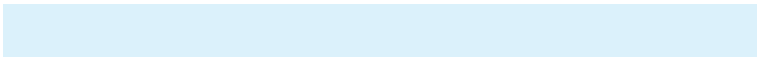
22.4756, 13.9079, 1.4999



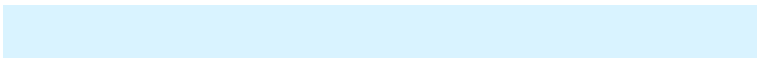
2.1719, 1.4687, 0.1690

Inverse Universe

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



78.0811, 84.9342, 103.5464



78.6540, 86.0595, 107.0734



73.6606, 76.0932, 102.0729



17.2813, 18.6394, 22.0722



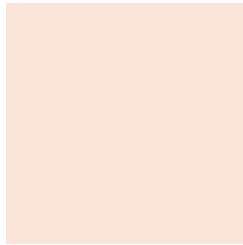
17.0962, 19.5480, 50.8456



1.6780, 1.9997, 4.7407

Previews

White Background



This preview shows how the XYZ color 80.5892, 81.6623, 78.5327 looks on a white background.

Color Contrast Check

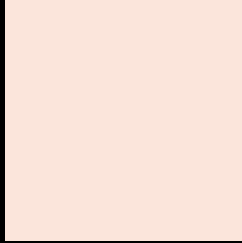
Large Text (above 18pt) WCAG AA × Fail

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 80.5892, 81.6623, 78.5327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

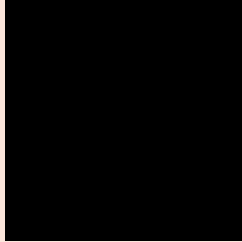
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

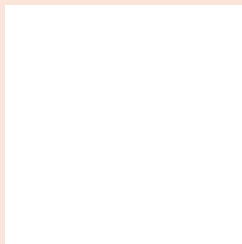
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.5892, 81.6623, 78.5327

Background



This preview shows how black text looks on a background with the XYZ color 80.5892, 81.6623, 78.5327.



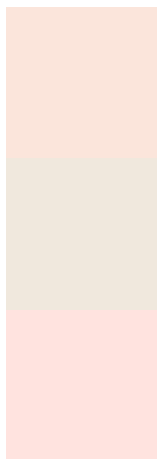
This preview shows how white text looks on a background with the XYZ color 80.5892, 81.6623,

78.5327.

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

80.5892, 81.6623, 78.5327

Protanopia

77.8429, 81.4589, 80.0270

Deuteranopia

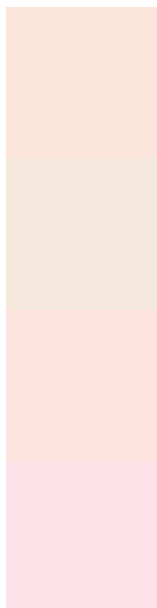
82.0284, 81.5259, 81.2247



Tritanopia

83.9759, 81.3923, 96.0783

Trichromacy



Original Color

80.5892, 81.6623, 78.5327

Protanomaly

78.8024, 81.5522, 79.2980

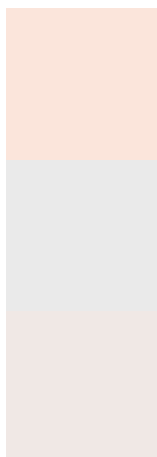
Deuteranomaly

81.8013, 81.8316, 80.5909

Tritanomaly

82.5557, 81.2159, 89.1670

Monochromacy



Original Color

80.5892, 81.6623, 78.5327

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.9346, 81.8956, 85.7759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.5892, 81.6623, 78.5327 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, 229, 219) looks like.

```
.text, #text, p{  
    color:rgb(251, 229, 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(251, 229, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 229, 219) }
```

Border

The CSS property to change the border of an element to XYZ 80.5892, 81.6623, 78.5327 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, 229, 219) }
```


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

```
.border{ border-color:rgb(251, 229, 219) }
```

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

Here you see how a box with a 4 pixel rgb(251, 229, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 229, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 229, 219);  
box-shadow:4px 4px 4px 4px rgb(251, 229,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 80.5892, 81.6623, 78.5327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 229, 219) }
```

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

```
.background{ background-color: rgb(251,  
229, 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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