

Converting Colors

XYZ(80.3738, 80.8489, 77.0890)

Have a look what the booklet for
XYZ(80.3738, 80.8489, 77.0890)
contains.

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Color

**XYZ(80.1384, 80.6434,
76.9876)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE3D9
RGB	252, 227, 217
RGB Percent	99%, 89%, 85%
CMY	0.0118, 0.1098, 0.1490
CMYK	0.00, 0.10, 0.14, 0.01
HSL	17°, 85%, 92%
HSV	17°, 14%, 99%
XYZ	80.1384, 80.6434, 76.9876
YIQ	233.3350, 18.1100, 2.1900

Conversions

Conversions Part 2

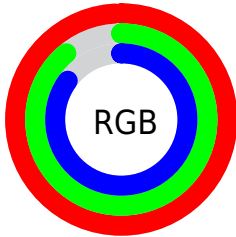
Format	Color
R _Y B	252, 231, 217
Decimal	16573401
CIE Lab	91.97, 6.96, 7.98
CIE LCh	92, 10.590, 48.928
Yxy	80.6434, 0.3370, 0.3392
Android (android.graphics.Color)	4294763481 (0xFFFC E3D9)
YUV	233.3350, -8.0532, 16.3692
Hunter-Lab	89.8017, 2.1393, 12.0314

Details

The XYZ color **80.1384, 80.6434, 76.9876** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.9377, 85.2825, 104.4497**, and the grayscale version is **77.7556, 81.8049, 89.0856**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7798, 43.7158, 40.3130** is the 20% darker color. If you saturate the color by 10%, you get **72.4405, 70.0981, 59.4662**, and if you desaturate by 10%, it is **88.8559, 92.4251, 97.3200**.

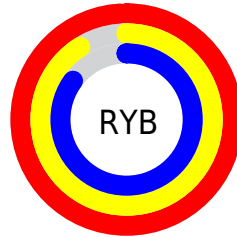
Distribution



Red (99%)

Green (89%)

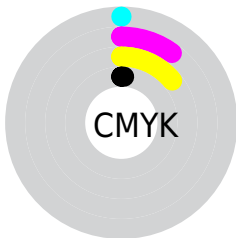
Blue (85%)



Red (99%)

Yellow (91%)

Blue (85%)

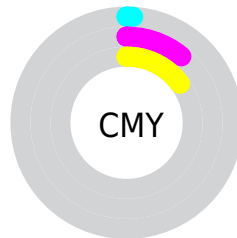


Cyan (0%)

Magenta (10%)

Yellow (14%)

Black (1%)



Cyan (1%)

Magenta (11%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.1384, 80.6434, 76.9876 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 80.1384, 80.6434, 76.9876 by changing the saturation by 10% instead.


 80.1384, 80.6434,
76.9876

 80.1384, 80.6434,
76.9876


484.1286,
497.0985, 504.1583

 60.1411, 60.2479,
56.7312


132.5098,
134.2699, 130.8948

 43.7823, 43.6185,
40.3815


165.6146,
168.2698, 165.3827

 30.6966, 30.3707,
27.5201

203.8193,
207.5733, 205.4516

 20.5186, 20.1201,
17.7283

247.4893,
252.5648, 251.5198

 12.8830, 12.4824,
10.5877

296.9898,
303.6286, 304.0061

 7.4245, 7.0731,
5.6797

352.6863,

 3.7776, 3.5079,

361.1493, 363.3289

2.5857

414.9441,
425.5111, 429.9068

■ 1.5771, 1.4023,
0.8850

■ 0.3774, 0.2184,
0.0000

■ 80.1384, 80.6434,
76.9876

■ 80.1384, 80.6434,
76.9876

■ 72.4405, 70.0981,
59.4662

■ 88.8559, 92.4251,
97.3200

■ 65.7171, 60.7381,
44.6263

■ 93.9553, 99.4356,
108.8488

■ 59.9295, 52.5239,
32.3357

■ 55.0339, 45.4104,
22.4489

■ 50.9825, 39.3487,
14.8058

■ 47.7227, 34.2864,
9.2262

■ 45.1951, 30.1659,
5.5021

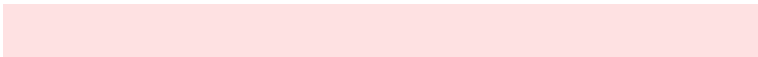
■ 43.3301, 26.9227,
3.3799

■ 42.4648, 25.3347,
2.6519

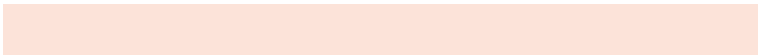
Harmonies

Analogous

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



81.7058, 80.6434, 83.0352



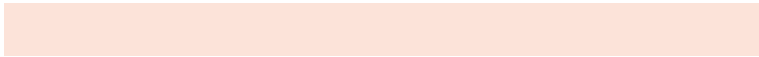
80.1384, 80.6434, 76.9876



77.6583, 80.6434, 73.9067

Triad

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



80.1384, 80.6434, 76.9876



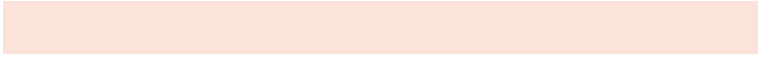
71.6281, 80.6434, 84.9606



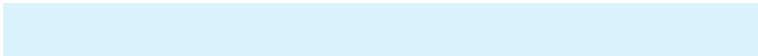
78.3590, 80.6434, 102.7579

Complementary

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



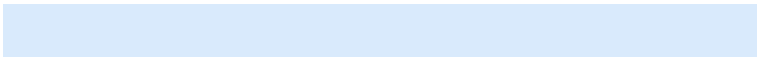
80.1384, 80.6434, 76.9876



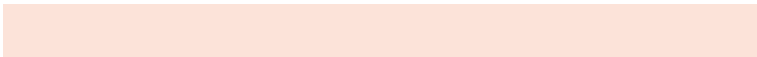
77.9377, 85.2825, 104.4497

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.



75.6487, 80.6434, 103.3492



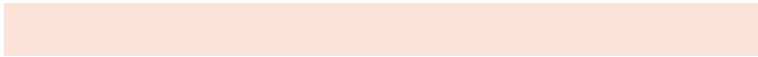
80.1384, 80.6434, 76.9876



71.8056, 80.6434, 92.7581

Square

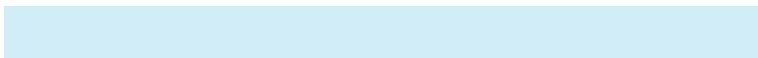
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.1384, 80.6434, 76.9876



72.7719, 80.6434, 78.3252



73.2626, 80.6434, 99.5952



80.6617, 80.6434, 98.0246

Rectangle

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



80.1384, 80.6434, 76.9876



75.8400, 80.6434, 73.8200



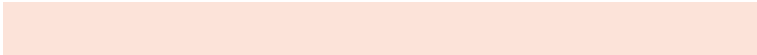
73.2626, 80.6434, 99.5952



77.4640, 80.6434, 103.4577

Sweetspot

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



80.1406, 80.6470, 76.9893



91.1709, 94.8004, 99.7193



80.9983, 76.7381, 94.6139



19.3623, 20.0869, 20.9860



0.0000, 0.0000, 0.0000



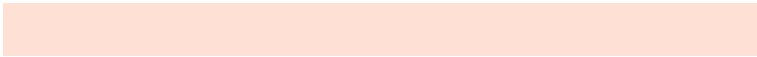
20.3446, 21.4041, 23.3091

Same Dimension

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



80.1406, 80.6470, 76.9893



79.7463, 79.3294, 73.1651



85.1464, 90.6586, 78.6579



17.6486, 18.0332, 18.0130



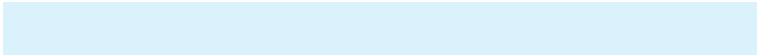
22.2283, 13.4132, 1.4174



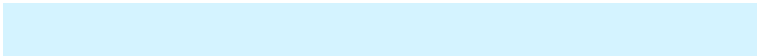
2.1450, 1.4148, 0.1600

Inverse Universe

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



77.9377, 85.2825, 104.4497



77.0341, 85.0322, 106.9605



72.9997, 75.4065, 102.8037



17.3221, 18.7209, 22.0858



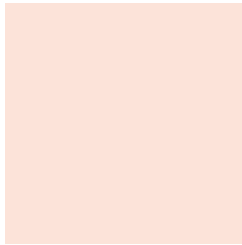
17.7834, 20.9224, 51.0747



1.7375, 2.1186, 4.7605

Previews

White Background



This preview shows how the XYZ color 80.1384, 80.6434, 76.9876 looks on a white background.

Color Contrast Check

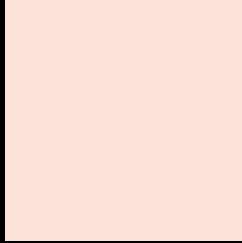
Large Text (above 18pt) WCAG AA × Fail

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 80.1384, 80.6434, 76.9876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

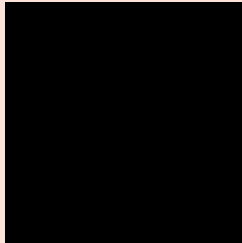
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.1384, 80.6434, 76.9876

Background



This preview shows how black text looks on a background with the XYZ color 80.1384, 80.6434, 76.9876.



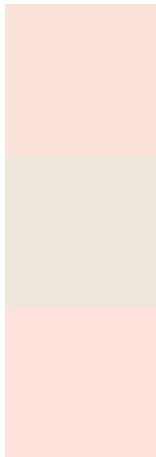
This preview shows how white text looks on a background with the XYZ color 80.1384, 80.6434,

76.9876.

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

80.1384, 80.6434, 76.9876

Protanopia

76.9587, 80.6170, 78.5223

Deuteranopia

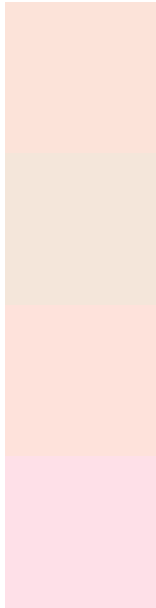
81.3546, 80.8200, 79.0221



Tritanopia

83.5049, 80.3862, 94.3340

Trichromacy



Original Color

80.1384, 80.6434, 76.9876

Protanomaly

78.2599, 80.8887, 77.8180

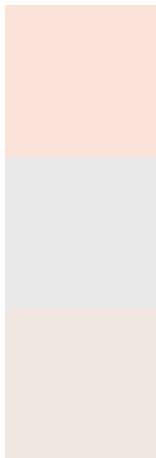
Deuteranomaly

80.8556, 80.5780, 78.3094

Tritanomaly

82.0942, 80.2083, 87.4989

Monochromacy



Original Color

80.1384, 80.6434, 76.9876

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.3762, 81.2231, 84.2198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.1384, 80.6434, 76.9876 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(252, 227, 217) looks like.

```
.text, #text, p{  
    color:rgb(252, 227, 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(252, 227, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 227, 217) }
```

Border

The CSS property to change the border of an element to XYZ 80.1384, 80.6434, 76.9876 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(252, 227, 217) }
```


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

```
.border{ border-color:rgb(252, 227, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 227, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 227, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 227, 217);  
box-shadow:4px 4px 4px 4px rgb(252, 227,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 80.1384, 80.6434, 76.9876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 227, 217) }
```

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

```
.background{ background-color: rgb(252,  
227, 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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