

Converting Colors

XYZ(81.2483, 80.6834, 84.9281)

Have a look what the booklet for
XYZ(81.2483, 80.6834, 84.9281)
contains.

XYZ(81.3448, 80.6896, 84.6861)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(81.3448, 80.6896,
84.6861)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE2E4
RGB	252, 226, 228
RGB Percent	99%, 89%, 89%
CMY	0.0118, 0.1137, 0.1059
CMYK	0.00, 0.10, 0.10, 0.01
HSL	355°, 81%, 94%
HSV	355°, 10%, 99%
XYZ	81.3448, 80.6896, 84.6861
YIQ	234.0020, 14.8540, 6.1340

Conversions

Conversions Part 2

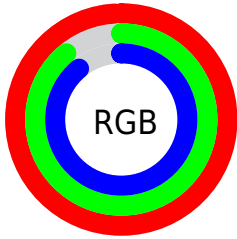
Format	Color
R _Y B	252, 226, 228
Decimal	16573156
CIE Lab	91.99, 9.23, 2.27
CIE LCh	92, 9.502, 13.808
Yxy	80.6896, 0.3297, 0.3270
Android (android.graphics.Color)	4294763236 (0xFFFC E2E4)
YUV	234.0020, -2.9590, 15.7842
Hunter-Lab	89.8274, 4.4459, 6.9826

Details

The XYZ color **81.3448, 80.6896, 84.6861** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.4328, 92.6936, 103.9413**, and the grayscale version is **78.2240, 82.2977, 89.6222**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6114, 43.7451, 45.6275** is the 20% darker color. If you saturate the color by 10%, you get **71.9743, 66.7735, 66.6858**, and if you desaturate by 10%, it is **92.1616, 96.8008, 105.3147**.

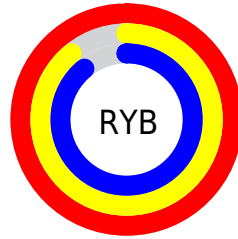
Distribution



Red (99%)

Green (89%)

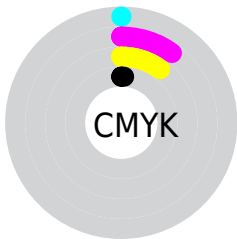
Blue (89%)



Red (99%)

Yellow (89%)

Blue (89%)

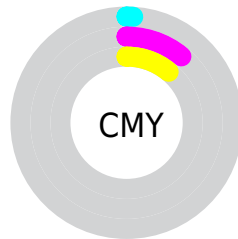


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (1%)



Cyan (1%)


Magenta (11%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.3448, 80.6896, 84.6861 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 81.3448, 80.6896, 84.6861 by changing the saturation by 10% instead.


 81.3448, 80.6896,
84.6861

 81.3448, 80.6896,
84.6861


488.1212,
497.2538, 530.7063

 61.1379, 60.2860,
63.0334


134.1954,
134.3348, 141.8048

 44.5894, 43.6492,
45.4270

167.5698,
168.3453, 178.1079

 31.3340, 30.3948,
31.4485

206.0641,
207.6601, 220.1314

 21.0064, 20.1385,
20.6793

250.0437,
252.6637, 268.2941

 13.2412, 12.4957,
12.7008

299.8738,
303.7404, 323.0144

 7.6730, 7.0822,
7.0946

355.9198,

 3.9365, 3.5136,

361.2748, 384.7108

3.4420

418.5472,
425.6511, 453.8019

■ 1.6662, 1.4054,
1.3245

■ 0.4350, 0.2207,
0.0817

■ 81.3448, 80.6896,
84.6861

■ 81.3448, 80.6896,
84.6861

■ 71.9743, 66.7735,
66.6858

■ 92.1616, 96.8008,
105.3147

■ 63.9823, 54.9475,
51.2032

■ 93.9552, 99.4356,
108.8488

■ 57.3057, 45.1137,
38.1277

■ 51.8738, 37.1625,
27.3383

■ 47.6094, 30.9736,
18.7033

■ 44.4266, 26.4128,
12.0780

■ 42.2273, 23.3265,
7.2995

■ 40.8960, 21.5320,
4.1796

■ 40.2658, 20.7438,
2.5134

Harmonies

Analogous

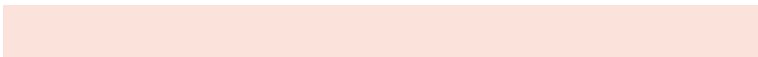
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2922, 80.6896, 91.6617



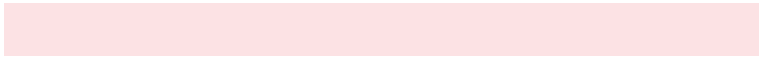
81.3448, 80.6896, 84.6861



80.1325, 80.6896, 78.8714

Triad

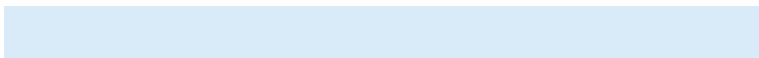
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.3448, 80.6896, 84.6861



73.4877, 80.6896, 78.5037



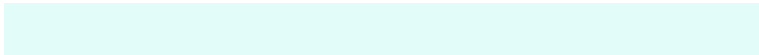
75.3908, 80.6896, 101.4174

Complementary

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



81.3448, 80.6896, 84.6861



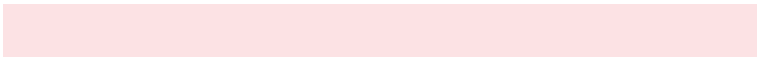
83.4328, 92.6936, 103.9413

Split Complementary

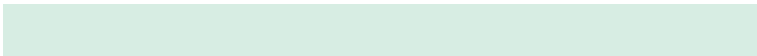
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.3534, 80.6896, 97.5009



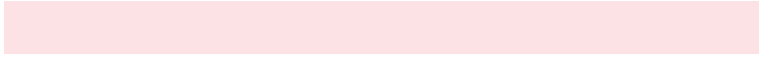
81.3448, 80.6896, 84.6861



72.2707, 80.6896, 84.1596

Square

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



81.3448, 80.6896, 84.6861



75.5776, 80.6896, 75.4322



72.2221, 80.6896, 91.1066



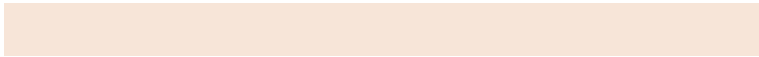
77.8194, 80.6896, 101.5769

Rectangle

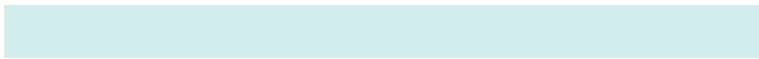
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



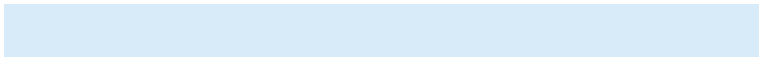
81.3448, 80.6896, 84.6861



78.7847, 80.6896, 76.3323



72.2221, 80.6896, 91.1066



74.6387, 80.6896, 100.4876

Sweetspot

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



81.3471, 80.6932, 84.6878



91.5414, 94.7692, 102.2234



84.1340, 81.7178, 103.4351



19.3979, 19.9929, 21.5072



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

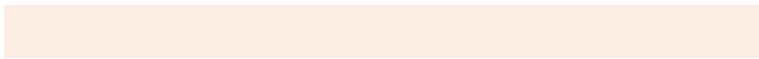
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3471, 80.6932, 84.6878



81.8338, 80.3188, 83.6815



84.1106, 86.6611, 84.2500



17.2987, 17.2468, 18.1626



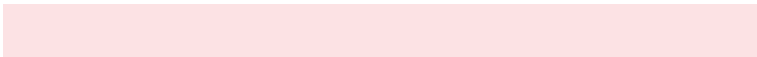
20.9945, 10.8135, 1.4136



1.9625, 1.0088, 0.2262

Inverse Universe

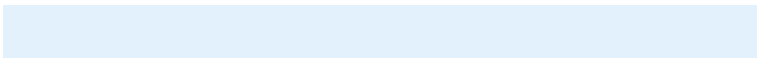
The Inverse Universe completely reimagines the original color for something new.



81.3471, 80.6932, 84.6878



81.8338, 80.3188, 83.6815



80.4424, 86.2092, 104.4966



17.2987, 17.2468, 18.1626



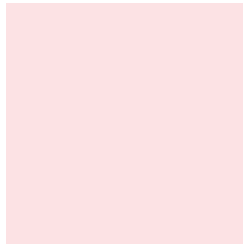
20.9945, 10.8135, 1.4136



1.9625, 1.0088, 0.2262

Previews

White Background



This preview shows how the XYZ color 81.3448, 80.6896, 84.6861 looks on a white background.

Color Contrast Check

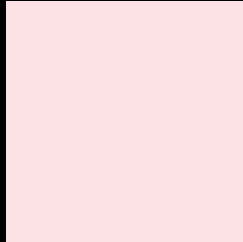
Large Text (above 18pt) WCAG AA × Fail

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 81.3448, 80.6896, 84.6861 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 81.3448, 80.6896, 84.6861

Background



This preview shows how black text looks on a background with the XYZ color 81.3448, 80.6896, 84.6861.



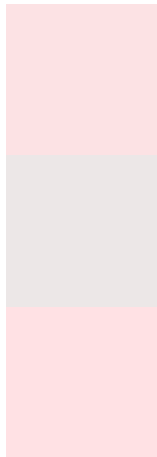
This preview shows how white text looks on a background with the XYZ color 81.3448, 80.6896,

84.6861.

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

81.3448, 80.6896, 84.6861

Protanopia

77.5918, 80.7542, 87.0989

Deuteranopia

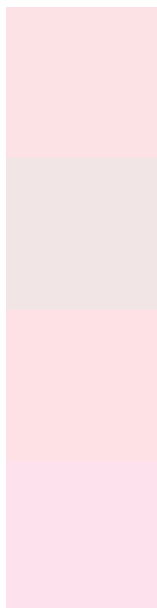
82.1688, 80.7119, 84.6470



Tritanopia

83.4059, 80.7330, 94.4062

Trichromacy



Original Color

81.3448, 80.6896, 84.6861

Protanomaly

78.9202, 80.6290, 86.2663

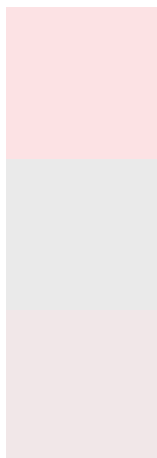
Deuteranomaly

81.8019, 80.5227, 84.6298

Tritanomaly

82.5735, 80.7892, 90.5987

Monochromacy



Original Color

81.3448, 80.6896, 84.6861

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.4170, 81.6788, 87.9238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3448, 80.6896, 84.6861 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, 226, 228)` looks like.

```
.text, #text, p{  
    color:rgb(252, 226, 228)  
}
```

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, 226, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 226, 228) }
```

Border

The CSS property to change the border of an element to XYZ 81.3448, 80.6896, 84.6861 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, 226, 228) }
```


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

```
.border{ border-color:rgb(252, 226, 228) }
```

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

Here you see how a box with a 4 pixel rgb(252, 226, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 226, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 226, 228);  
box-shadow:4px 4px 4px 4px rgb(252, 226,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3448, 80.6896, 84.6861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 226, 228) }
```

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

```
.background{ background-color: rgb(252,  
226, 228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor