

Converting Colors

XYZ(85.0171, 81.9450, 78.6200)

Have a look what the booklet for
XYZ(85.0171, 81.9450, 78.6200)
contains.

XYZ(80.6818, 79.6858, 78.1463)	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(80.6818, 79.6858,
78.1463)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0DB
RGB	255, 224, 219
RGB Percent	100%, 88%, 86%
CMY	0.0000, 0.1215, 0.1412
CMYK	0.00, 0.12, 0.14, 0.00
HSL	8°, 100%, 93%
HSV	8°, 14%, 100%
XYZ	80.6818, 79.6858, 78.1463
YIQ	232.6990, 20.0810, 5.0170

Conversions

Conversions Part 2

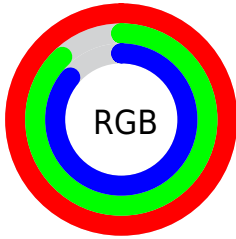
Format	Color
R_{YB}	255, 225, 219
Decimal	16769243
CIE _{Lab}	91.54, 9.87, 6.35
CIE _{LCh}	92, 11.740, 32.768
Yxy	79.6858, 0.3383, 0.3341
Android (android.graphics.Color)	4294959323 (0xFFFFE0DB)
YUV	232.6990, -6.7536, 19.5580
Hunter-Lab	89.2669, 5.1160, 10.5830

Details

The XYZ color **80.6818, 79.6858, 78.1463** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.4480, 90.6486, 107.8119**, and the grayscale version is **77.2661, 81.2899, 88.5247**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1775, 43.0620, 41.1054** is the 20% darker color. If you saturate the color by 10%, you get **72.0543, 67.3978, 59.9573**, and if you desaturate by 10%, it is **90.5894, 93.7100, 99.3011**.

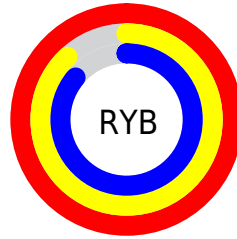
Distribution



Red (100%)

Green (88%)

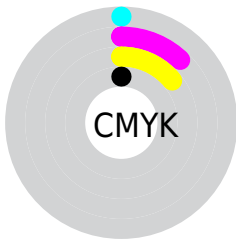
Blue (86%)



Red (100%)

Yellow (88%)

Blue (86%)

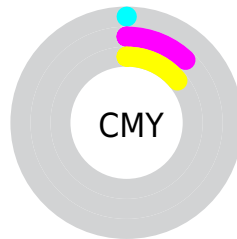


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.6818, 79.6858, 78.1463 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 80.6818, 79.6858, 78.1463 by changing the saturation by 10% instead.


 80.6818, 79.6858,
78.1463

 80.6818, 79.6858,
78.1463


485.9292,
493.8733, 508.2046

 60.5900, 59.4598,
57.6770


133.2694,
132.9239, 132.5441

 44.1456, 42.9834,
41.1361


166.4958,
166.7048, 167.3097

 30.9834, 29.8721,
28.1049


204.8312,
205.7728, 207.6777

 20.7380, 19.7415,
18.1650

248.6408,
250.5124, 254.0669

 13.0440, 12.2073,
10.8979

298.2901,
301.3078, 306.8956

 7.5360, 6.8850,
5.8849

354.1443,

 3.8488, 3.3903,

358.5435, 366.5824

2.7076

416.5689,
422.6039, 433.5459

■ 1.6170, 1.3387,
0.9472

■ 0.4034, 0.1709,
0.0000

■ 80.6818, 79.6858,
78.1463

■ 80.6818, 79.6858,
78.1463

■ 72.0543, 67.3978,
59.9573

■ 90.5894, 93.7100,
99.3011

■ 64.6488, 56.7687,
44.5966

95.0500, 100.0000,
108.9000

■ 58.4113, 47.7302,
31.9233

■ 53.2815, 40.2054,
21.7823

■ 49.1935, 34.1110,
14.0026

■ 46.0746, 29.3557,
8.3923

■ 43.8420, 25.8374,
4.7289

■ 42.3983, 23.4386,
2.7415

■ 41.8544, 22.4888,
2.1348

Harmonies

Analogous

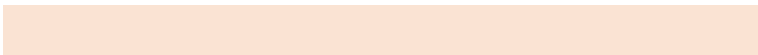
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6337, 79.6858, 85.9709



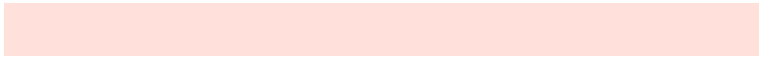
80.6818, 79.6858, 78.1463



78.4030, 79.6858, 72.9194

Triad

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



80.6818, 79.6858, 78.1463



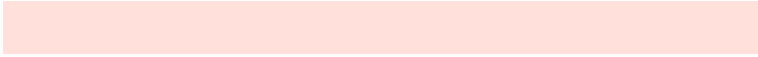
70.7364, 79.6858, 79.4388



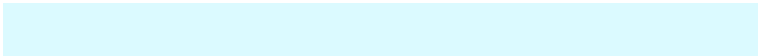
76.0172, 79.6858, 104.2894

Complementary

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



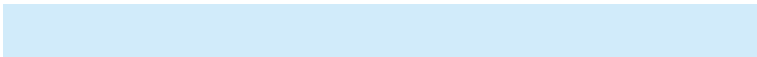
80.6818, 79.6858, 78.1463



81.4480, 90.6486, 107.8119

Split Complementary

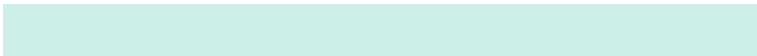
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.1360, 79.6858, 102.2593



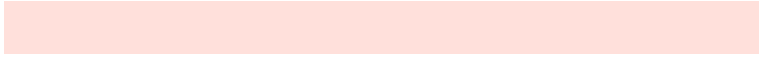
80.6818, 79.6858, 78.1463



70.1351, 79.6858, 87.5625

Square

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



80.6818, 79.6858, 78.1463



72.6668, 79.6858, 73.6304



71.0022, 79.6858, 95.9937



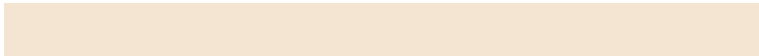
78.8965, 79.6858, 101.3739

Rectangle

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



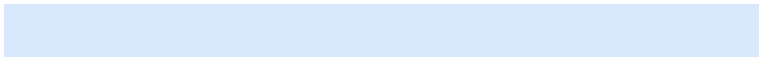
80.6818, 79.6858, 78.1463



76.4658, 79.6858, 71.4197



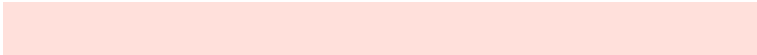
71.0022, 79.6858, 95.9937



75.0168, 79.6858, 104.1630

Sweetspot

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



80.6837, 79.6892, 78.1480



90.7130, 93.8846, 99.5667



83.8587, 78.8385, 101.4047



19.2468, 19.8559, 20.9475



0.0000, 0.0000, 0.0000



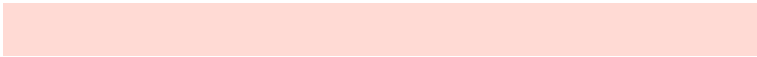
20.3446, 21.4041, 23.3091

Same Dimension

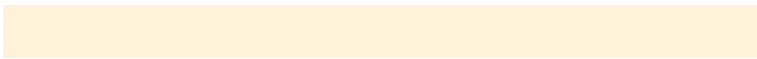
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.6837, 79.6892, 78.1480



78.0672, 75.9711, 72.6054



85.7192, 89.7602, 79.8265



18.2130, 18.3942, 18.7348



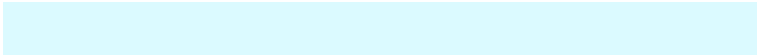
21.9314, 11.8739, 1.1360



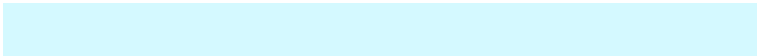
2.1943, 1.2740, 0.1303

Inverse Universe

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



81.4480, 90.6486, 107.8119



78.9680, 88.8999, 107.6051



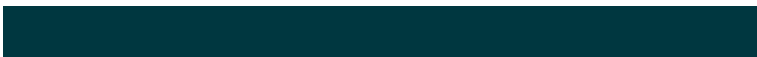
76.1771, 80.1068, 106.0549



18.3269, 20.0254, 23.1493



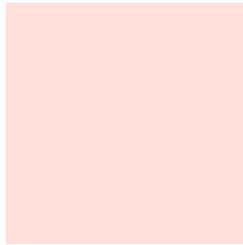
22.8257, 30.5609, 54.1304



2.2791, 3.0890, 5.2894

Previews

White Background



This preview shows how the XYZ color 80.6818, 79.6858, 78.1463 looks on a white background.

Color Contrast Check

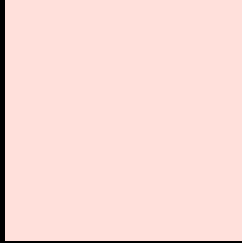
Large Text (above 18pt) WCAG AA × Fail

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 80.6818, 79.6858, 78.1463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

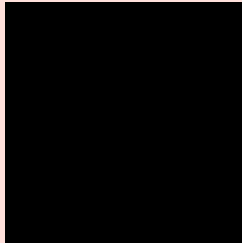
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

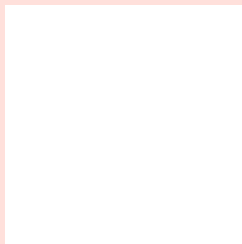
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.6818, 79.6858, 78.1463

Background



This preview shows how black text looks on a background with the XYZ color 80.6818, 79.6858, 78.1463.

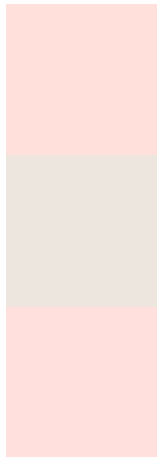


This preview shows how white text looks on a background with the XYZ color 80.6818, 79.6858,

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

80.6818, 79.6858, 78.1463

Protanopia

76.4067, 79.8721, 80.4970

Deuteranopia

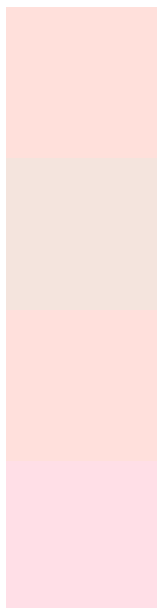
80.8139, 79.7386, 78.8419



Tritanopia

82.7939, 79.6756, 91.9041

Trichromacy



Original Color

80.6818, 79.6858, 78.1463

Protanomaly

78.1028, 79.9404, 79.7202

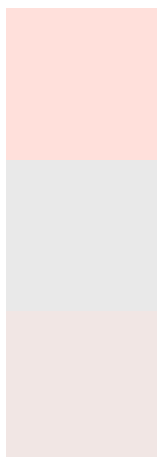
Deuteranomaly

80.8139, 79.7386, 78.8419

Tritanomaly

82.0515, 79.8049, 86.6806

Monochromacy



Original Color

80.6818, 79.6858, 78.1463

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.5760, 80.8958, 84.8718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.6818, 79.6858, 78.1463 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(255, 224, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 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(255, 224, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 219) }
```

Border

The CSS property to change the border of an element to XYZ 80.6818, 79.6858, 78.1463 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(255, 224, 219) }
```


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

```
.border{ border-color:rgb(255, 224, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 80.6818, 79.6858, 78.1463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 219) }
```

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

```
.background{ background-color: rgb(255,  
224, 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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