

Converting Colors

XYZ(93.0184, 86.5072, 78.1684)

Have a look what the booklet for
XYZ(93.0184, 86.5072, 78.1684)
contains.

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Color

**XYZ(80.8201, 80.1724,
77.5448)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1DA
RGB	255, 225, 218
RGB Percent	100%, 88%, 85%
CMY	0.0000, 0.1176, 0.1451
CMYK	0.00, 0.12, 0.15, 0.00
HSL	11°, 100%, 93%
HSV	11°, 15%, 100%
XYZ	80.8201, 80.1724, 77.5448
YIQ	233.1720, 20.1270, 4.1830

Conversions

Conversions Part 2

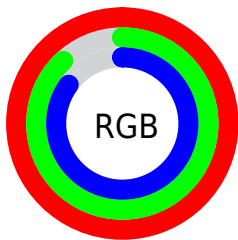
Format	Color
R_{YB}	255, 227, 218
Decimal	16769498
CIE _{Lab}	91.76, 9.20, 7.19
CIE _{LCh}	92, 11.678, 38.012
Y _{xy}	80.1724, 0.3388, 0.3361
Android (android.graphics.Color)	4294959578 (0xFFFFE1DA)
YUV	233.1720, -7.4798, 19.1432
Hunter-Lab	89.5390, 4.4251, 11.3295

Details

The XYZ color **80.8201, 80.1724, 77.5448** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.5299, 89.2577, 107.5918**, and the grayscale version is **77.6272, 81.6699, 88.9385**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2743, 43.3996, 40.6938** is the 20% darker color. If you saturate the color by 10%, you get **72.4824, 68.4327, 59.5497**, and if you desaturate by 10%, it is **90.3516, 93.4775, 98.4727**.

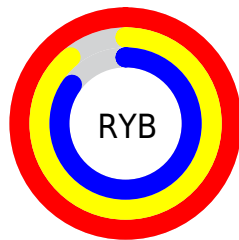
Distribution



Red (100%)

Green (88%)

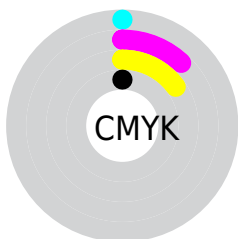
Blue (85%)



Red (100%)

Yellow (89%)

Blue (85%)

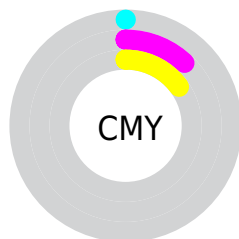


Cyan (0%)

Magenta (12%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.8201, 80.1724, 77.5448 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 80.8201, 80.1724, 77.5448 by changing the saturation by 10% instead.


 80.8201, 80.1724,
77.5448

 80.8201, 80.1724,
77.5448


486.3869,
495.5136, 506.1064

 60.7042, 59.8602,
57.1859


133.4626,
133.6081, 131.6883

 44.2381, 43.3060,
40.7442


166.7200,
167.5004, 166.3099

 31.0565, 30.1253,
27.8010

205.0885,
206.6882, 206.5229

 20.7939, 19.9337,
17.9380

248.9337,
251.5559, 252.7457

 13.0850, 12.3469,
10.7365

298.6207,
302.4879, 305.3969

 7.5645, 6.9804,
5.7780

354.5150,

 3.8670, 3.4498,

359.8686, 364.8951

2.6440

416.9820,
424.0824, 431.6588

■ 1.6272, 1.3708,
0.9150

■ 0.4100, 0.1951,
0.0000

■ 80.8201, 80.1724,
77.5448

■ 80.8201, 80.1724,
77.5448

■ 72.4824, 68.4327,
59.5497

■ 90.3516, 93.4775,
98.4727

■ 65.2855, 58.1906,
44.3510

95.0500, 100.0000,
108.9000

■ 59.1804, 49.3886,
31.8092

■ 54.1127, 41.9614,
21.7708

■ 50.0229, 35.8387,
14.0662

■ 46.8452, 30.9437,
8.5050

■ 44.5053, 27.1912,
4.8661

■ 42.9157, 24.4846,
2.8796

■ 42.3083, 23.3966,
2.2861

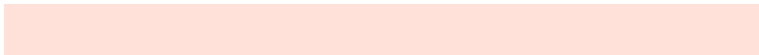
Harmonies

Analogous

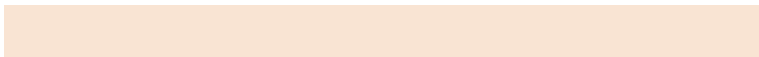
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0357, 80.1724, 85.0200



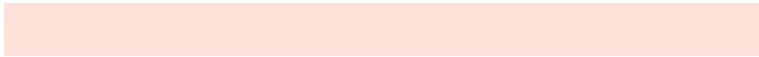
80.8201, 80.1724, 77.5448



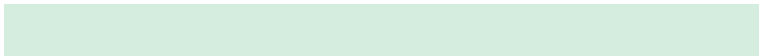
78.3737, 80.1724, 72.9034

Triad

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



80.8201, 80.1724, 77.5448



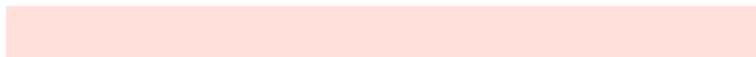
70.9953, 80.1724, 81.2750



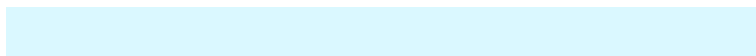
77.0053, 80.1724, 104.6293

Complementary

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



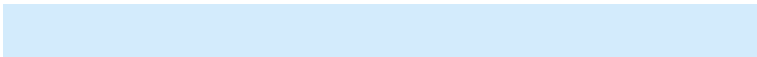
80.8201, 80.1724, 77.5448



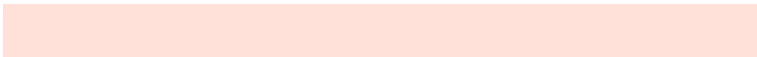
80.5299, 89.2577, 107.5918

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.



74.0697, 80.1724, 103.4639



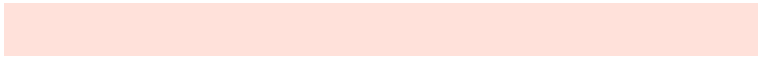
80.8201, 80.1724, 77.5448



70.6506, 80.1724, 89.6084

Square

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



80.8201, 80.1724, 77.5448



72.7166, 80.1724, 74.9569



71.7622, 80.1724, 97.8281



79.7960, 80.1724, 100.9158

Rectangle

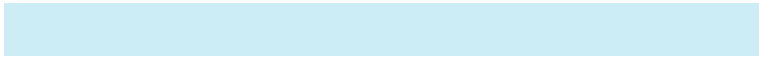
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



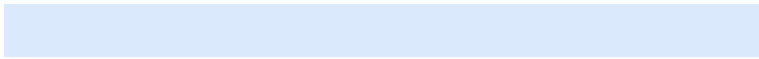
80.8201, 80.1724, 77.5448



76.4011, 80.1724, 71.8554



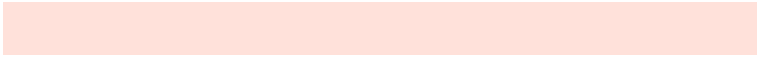
71.7622, 80.1724, 97.8281



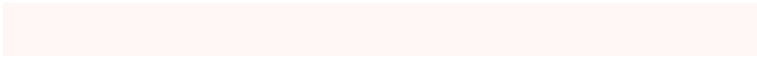
76.0022, 80.1724, 104.7995

Sweetspot

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



80.8220, 80.1758, 77.5465



90.8695, 94.1975, 99.6188



83.2888, 78.1944, 99.6868



19.2863, 19.9348, 20.9607



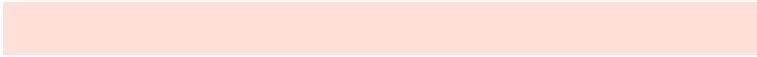
0.0000, 0.0000, 0.0000



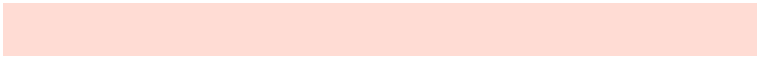
20.3446, 21.4041, 23.3091

Same Dimension

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



80.8220, 80.1758, 77.5465



78.6352, 77.1072, 72.7948



86.0307, 90.5933, 79.2827



18.2876, 18.5434, 18.7597



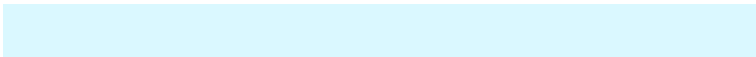
22.1860, 12.3832, 1.2209



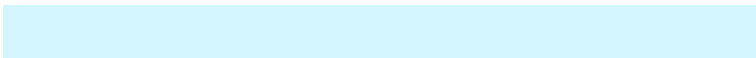
2.2304, 1.3463, 0.1423

Inverse Universe

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



80.5299, 89.2577, 107.5918



78.2981, 87.5600, 107.3818



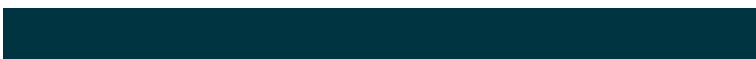
75.1823, 78.5623, 105.8093



18.2454, 19.8623, 23.1221



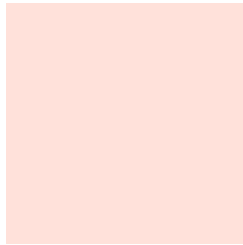
21.1599, 27.2294, 53.5751



2.1321, 2.7949, 5.2404

Previews

White Background



This preview shows how the XYZ color 80.8201, 80.1724, 77.5448 looks on a white background.

Color Contrast Check

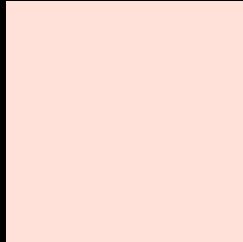
Large Text (above 18pt) WCAG AA × Fail

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 80.8201, 80.1724, 77.5448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

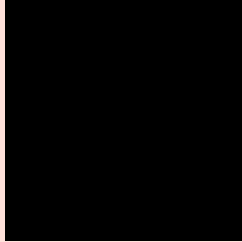
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

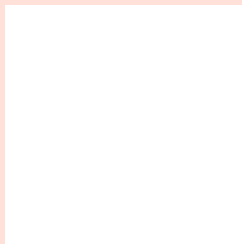
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.8201, 80.1724, 77.5448

Background



This preview shows how black text looks on a background with the XYZ color 80.8201, 80.1724, 77.5448.

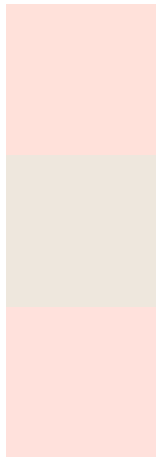


This preview shows how white text looks on a background with the XYZ color 80.8201, 80.1724,

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

80.8201, 80.1724, 77.5448

Protanopia

76.8870, 80.5494, 79.9018

Deuteranopia

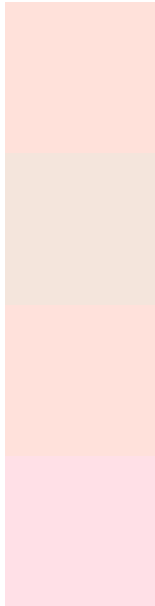
81.0835, 80.2777, 78.9317



Tritanopia

83.0603, 80.2084, 91.9929

Trichromacy



Original Color

80.8201, 80.1724, 77.5448

Protanomaly

78.2458, 80.4390, 79.1124

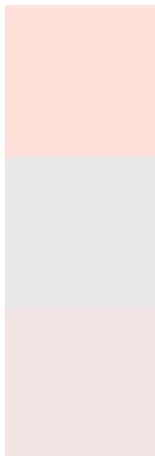
Deuteranomaly

80.9514, 80.2249, 78.2362

Tritanomaly

82.3195, 80.3408, 86.7699

Monochromacy



Original Color

80.8201, 80.1724, 77.5448

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 80.8201, 80.1724, 77.5448 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, 225, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 218)  
}
```

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, 225, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 218) }
```

Border

The CSS property to change the border of an element to XYZ 80.8201, 80.1724, 77.5448 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, 225, 218) }
```


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

```
.border{ border-color:rgb(255, 225, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 80.8201, 80.1724, 77.5448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 218) }
```

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

```
.background{ background-color: rgb(255,  
225, 218) }
```

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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