

Converting Colors

XYZ(92.7613, 88.1332, 70.9768)

Have a look what the booklet for
XYZ(92.7613, 88.1332, 70.9768)
contains.

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Color

**XYZ(80.5218, 81.8036,
70.5772)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5CF
RGB	255, 229, 207
RGB Percent	100%, 90%, 81%
CMY	0.0000, 0.1019, 0.1882
CMYK	0.00, 0.10, 0.19, 0.00
HSL	28°, 100%, 91%
HSV	28°, 19%, 100%
XYZ	80.5218, 81.8036, 70.5772
YIQ	234.2660, 22.5580, -1.3300

Conversions

Conversions Part 2

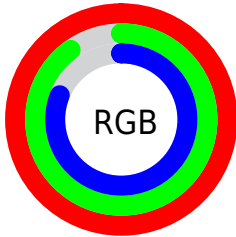
Format	Color
R _Y B	255, 248, 207
Decimal	16770511
CIE Lab	92.49, 5.49, 13.96
CIE LCh	92, 15.001, 68.540
Yxy	81.8036, 0.3457, 0.3512
Android (android.graphics.Color)	4294960591 (0xFFFFE5CF)
YUV	234.2660, -13.4421, 18.1837
Hunter-Lab	90.4453, 0.6359, 17.0460

Details

The XYZ color **80.5218, 81.8036, 70.5772** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.9203, 78.7610, 105.9668**, and the grayscale version is **78.4966, 82.5845, 89.9345**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1745, 44.5778, 36.4131** is the 20% darker color. If you saturate the color by 10%, you get **73.9826, 73.3178, 54.2389**, and if you desaturate by 10%, it is **87.8724, 91.1058, 89.6720**.

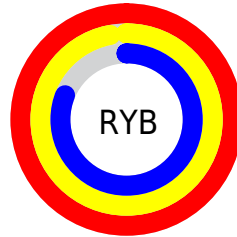
Distribution



Red (100%)

Green (90%)

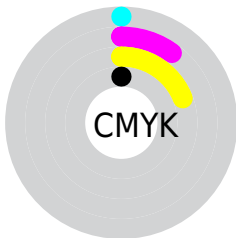
Blue (81%)



Red (100%)

Yellow (97%)

Blue (81%)

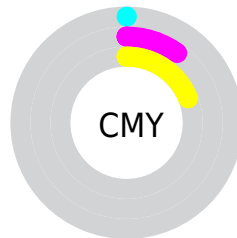


Cyan (0%)

Magenta (10%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.5218, 81.8036, 70.5772 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 80.5218, 81.8036, 70.5772 by changing the saturation by 10% instead.


 80.5218, 81.8036,
70.5772

 80.5218, 81.8036,
70.5772


485.3994,
500.9905, 481.4178

 60.4578, 61.2037,
51.5175

133.0458,
135.8985, 121.7203

 44.0386, 44.3895,
36.2411


166.2365,
170.1623, 154.6409

 30.8989, 30.9769,
24.3293


204.5334,
209.7495, 193.0188

 20.6733, 20.5812,
15.3636

248.3019,
255.0446, 237.2726

 12.9965, 12.8182,
8.9255

297.9075,
306.4318, 287.8209

 7.5031, 7.3035,
4.5965

353.7153,

 3.8278, 3.6526,

364.2956, 345.0822

1.9579

416.0908,
429.0203, 409.4750

■ 1.6052, 1.4812,
0.5292

■ 0.3958, 0.2754,
0.0000

■ 80.5218, 81.8036,
70.5772

■ 80.5218, 81.8036,
70.5772

■ 73.9826, 73.3178,
54.2389

■ 87.8724, 91.1058,
89.6720

■ 68.2178, 65.6142,
40.5226

95.0500, 100.0000,
108.9000

■ 63.1960, 58.6712,
29.2900

■ 58.8810, 52.4622,
20.3879

■ 55.2331, 46.9588,
13.6461

■ 52.2076, 42.1298,
8.8705

■ 49.7529, 37.9407,
5.8314

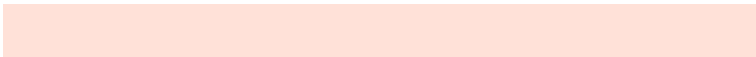
■ 47.7973, 34.3483,
4.1969

■ 47.5900, 33.9600,
4.0467

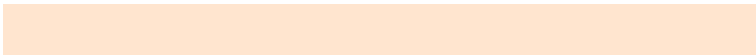
Harmonies

Analogous

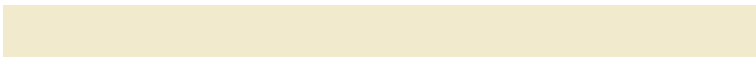
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7529, 81.8036, 76.3740



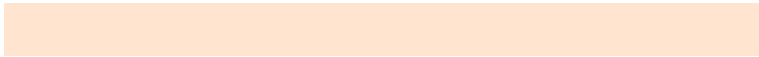
80.5218, 81.8036, 70.5772



76.6460, 81.8036, 69.5138

Triad

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



80.5218, 81.8036, 70.5772



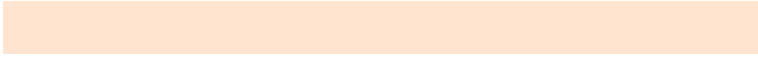
70.5842, 81.8036, 92.2905



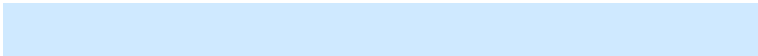
82.5079, 81.8036, 106.9061

Complementary

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



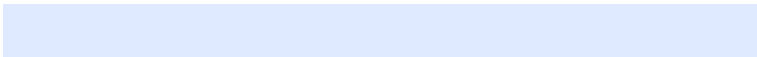
80.5218, 81.8036, 70.5772



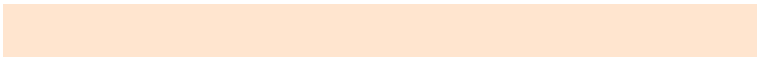
72.9203, 78.7610, 105.9668

Split Complementary

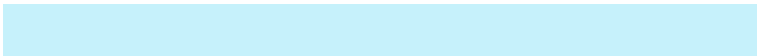
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.8683, 81.8036, 111.9883



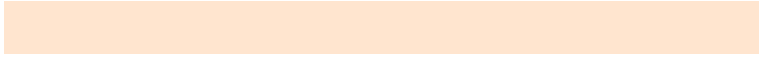
80.5218, 81.8036, 70.5772



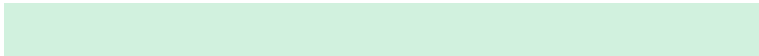
72.0446, 81.8036, 103.1009

Square

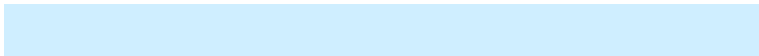
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.5218, 81.8036, 70.5772



70.9936, 81.8036, 81.4575



75.0462, 81.8036, 110.5406



84.9260, 81.8036, 97.1430

Rectangle

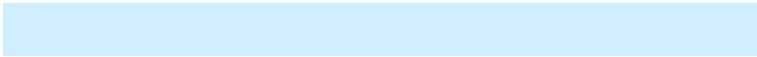
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.5218, 81.8036, 70.5772



74.2313, 81.8036, 71.5391



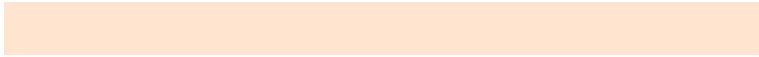
75.0462, 81.8036, 110.5406



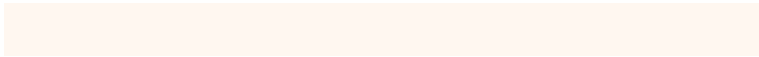
81.3820, 81.8036, 109.2541

Sweetspot

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



80.5237, 81.8071, 70.5789



90.0971, 93.8803, 95.5767



78.3186, 71.7926, 87.1208



19.1730, 19.9556, 20.1605



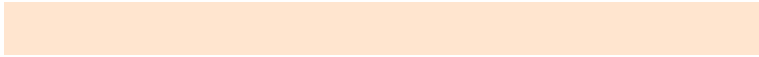
0.0000, 0.0000, 0.0000



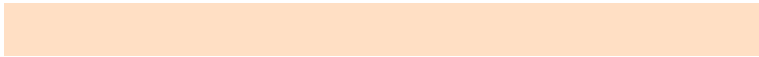
20.3446, 21.4041, 23.3091

Same Dimension

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



80.5237, 81.8071, 70.5789



77.6949, 78.1639, 63.4259



87.5019, 95.7634, 72.9050



18.6955, 19.3591, 18.8957



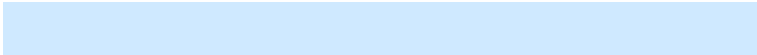
25.0121, 18.0354, 2.1629



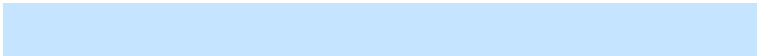
2.5430, 1.9715, 0.2465

Inverse Universe

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



72.9203, 78.7610, 105.9668



68.6804, 74.5514, 105.3778



66.6818, 66.2839, 103.8873



17.8181, 19.0077, 22.9797



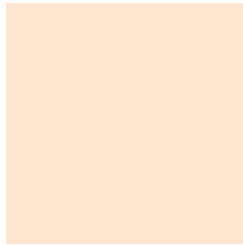
14.3389, 13.5875, 51.3015



1.5054, 1.5416, 5.0315

Previews

White Background



This preview shows how the XYZ color 80.5218, 81.8036, 70.5772 looks on a white background.

Color Contrast Check

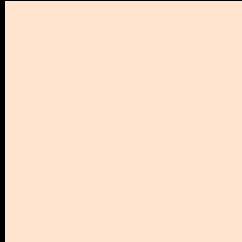
Large Text (above 18pt) WCAG AA × Fail

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 80.5218, 81.8036, 70.5772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

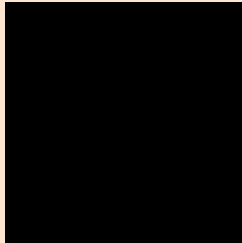
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.5218, 81.8036, 70.5772

Background



This preview shows how black text looks on a background with the XYZ color 80.5218, 81.8036, 70.5772.



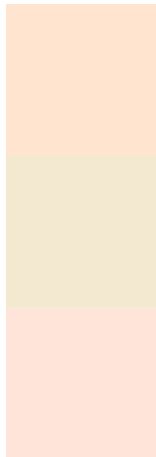
This preview shows how white text looks on a background with the XYZ color 80.5218, 81.8036,

70.5772.

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

80.5218, 81.8036, 70.5772

Protanopia

77.6097, 81.9360, 72.0464

Deuteranopia

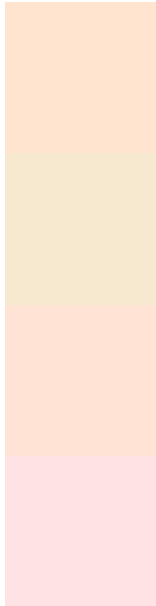
81.5078, 81.7566, 77.1303



Tritanopia

84.1645, 81.9440, 93.8189

Trichromacy



Original Color

80.5218, 81.8036, 70.5772

Protanomaly

78.5996, 82.0414, 71.3675

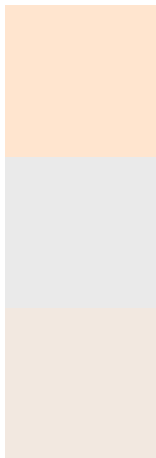
Deuteranomaly

80.9936, 81.5509, 74.4229

Tritanomaly

82.7127, 81.7996, 84.8283

Monochromacy



Original Color

80.5218, 81.8036, 70.5772

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.9291, 81.9723, 82.1832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.5218, 81.8036, 70.5772 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, 229, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 207)  
}
```

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, 229, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 207) }
```

Border

The CSS property to change the border of an element to XYZ 80.5218, 81.8036, 70.5772 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, 229, 207) }
```


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

```
.border{ border-color:rgb(255, 229, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 80.5218, 81.8036, 70.5772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 207) }
```

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

```
.background{ background-color: rgb(255,  
229, 207) }
```

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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