

Converting Colors

XYZ(80.6092, 81.0550, 73.4527)

Have a look what the booklet for
XYZ(80.6092, 81.0550, 73.4527)
contains.

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Color

**XYZ(80.5928, 80.9516,
73.6649)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3D4
RGB	255, 227, 212
RGB Percent	100%, 89%, 83%
CMY	0.0000, 0.1098, 0.1686
CMYK	0.00, 0.11, 0.17, 0.00
HSL	21°, 100%, 92%
HSV	21°, 17%, 100%
XYZ	80.5928, 80.9516, 73.6649
YIQ	233.6620, 21.5030, 1.2710

Conversions

Conversions Part 2

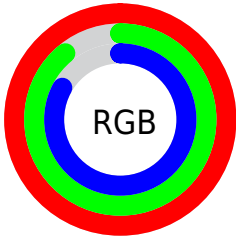
Format	Color
R _Y B	255, 235, 212
Decimal	16770004
CIE Lab	92.11, 7.26, 10.82
CIE LCh	92, 13.029, 56.156
Yxy	80.9516, 0.3426, 0.3442
Android (android.graphics.Color)	4294960084 (0xFFFFE3D4)
YUV	233.6620, -10.6794, 18.7134
Hunter-Lab	89.9731, 2.4372, 14.4379

Details

The XYZ color **80.5928, 80.9516, 73.6649** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.3607, 83.5349, 106.7070**, and the grayscale version is **78.0196, 82.0827, 89.3880**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1270, 43.9451, 38.0548** is the 20% darker color. If you saturate the color by 10%, you get **73.3029, 71.1196, 56.5985**, and if you desaturate by 10%, it is **88.8323, 91.8694, 93.5562**.

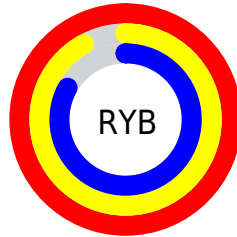
Distribution



Red (100%)

Green (89%)

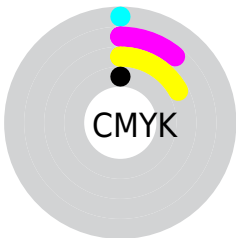
Blue (83%)



Red (100%)

Yellow (92%)

Blue (83%)

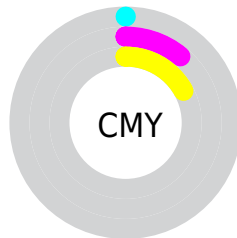


Cyan (0%)

Magenta (11%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.5928, 80.9516, 73.6649 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 80.5928, 80.9516, 73.6649 by changing the saturation by 10% instead.


 80.5928, 80.9516,
73.6649

 80.5928, 80.9516,
73.6649


485.6345,
498.1340, 492.4485

 60.5164, 60.5017,
54.0247


133.1450,
134.7028, 126.1503

 44.0861, 43.8232,
38.2281


166.3516,
168.7729, 159.8326

 30.9364, 30.5315,
25.8566

204.6656,
208.1520, 199.0327

 20.7020, 20.2424,
16.4916


248.4523,
253.2242, 244.1690

 13.0176, 12.5714,
9.7145

298.0773,
304.3742, 295.6603

 7.5177, 7.1341,
5.1070

353.9057,

 3.8371, 3.5461,

361.9862, 353.9249

2.2503

416.3030,
426.4447, 419.3814

■ 1.6104, 1.4230,
0.7032

■ 0.3992, 0.2336,
0.0000

■ 80.5928, 80.9516,
73.6649

■ 80.5928, 80.9516,
73.6649

■ 73.3029, 71.1196,
56.5985

■ 88.8323, 91.8694,
93.5562

■ 66.9211, 62.3290,
42.2226

95.0500, 100.0000,
108.9000

■ 61.4104, 54.5471,
30.3993

■ 56.7295, 47.7357,
20.9763

■ 52.8328, 41.8537,
13.7849

■ 49.6700, 36.8569,
8.6341

■ 47.1836, 32.6966,
5.3002

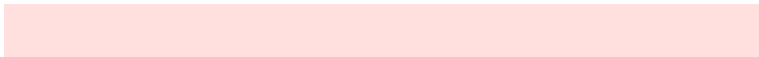
■ 45.3037, 29.3172,
3.5008

■ 44.8109, 28.4019,
3.1203

Harmonies

Analogous

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



82.8817, 80.9516, 80.2432



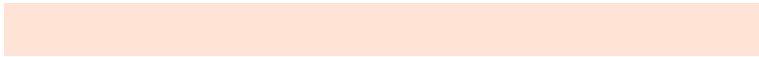
80.5928, 80.9516, 73.6649



77.3756, 80.9516, 70.9568

Triad

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



80.5928, 80.9516, 73.6649



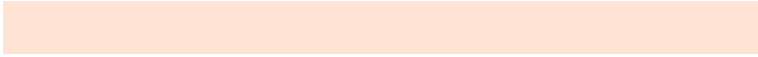
70.6806, 80.9516, 86.9090



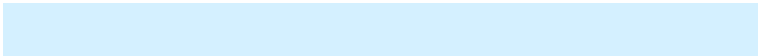
79.8222, 80.9516, 105.7962

Complementary

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



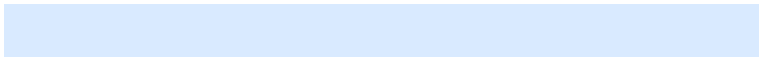
80.5928, 80.9516, 73.6649



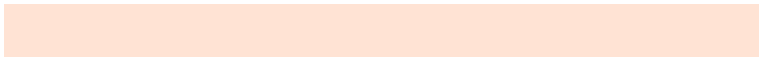
76.3607, 83.5349, 106.7070

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.



76.5102, 80.9516, 107.9007



80.5928, 80.9516, 73.6649



71.2932, 80.9516, 96.5439

Square

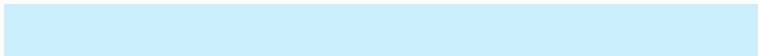
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.5928, 80.9516, 73.6649



71.7052, 80.9516, 78.2438



73.4033, 80.9516, 104.4027



82.4279, 80.9516, 98.8428

Rectangle

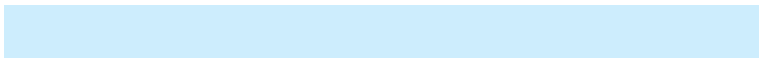
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.5928, 80.9516, 73.6649



75.1602, 80.9516, 71.5541



73.4033, 80.9516, 104.4027



78.7519, 80.9516, 107.1149

Sweetspot

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



80.5946, 80.9550, 73.6666



90.4734, 94.0235, 97.5813



80.6114, 74.6788, 93.1245



19.2316, 19.9499, 20.5587



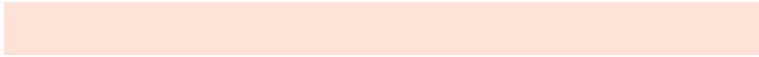
0.0000, 0.0000, 0.0000



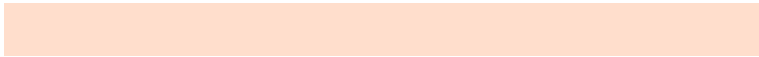
20.3446, 21.4041, 23.3091

Same Dimension

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



80.5946, 80.9550, 73.6666



78.2063, 77.7542, 68.0129



86.6402, 93.0461, 75.6818



18.5277, 19.0237, 18.8398



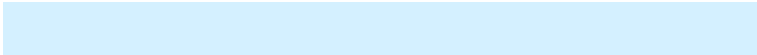
23.5403, 15.0919, 1.6723



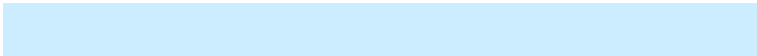
2.3898, 1.6649, 0.1954

Inverse Universe

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



76.3607, 83.5349, 106.7070



73.2950, 80.7436, 106.3298



70.5773, 71.9681, 104.7792



17.9901, 19.3518, 23.0370



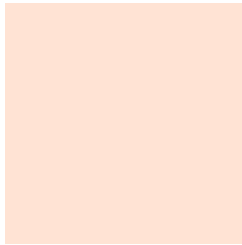
16.7036, 18.3168, 52.0897



1.7288, 1.9883, 5.1059

Previews

White Background



This preview shows how the XYZ color 80.5928, 80.9516, 73.6649 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 80.5928, 80.9516, 73.6649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

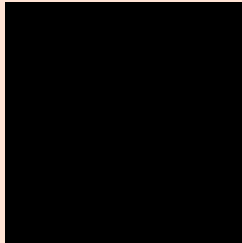
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.5928, 80.9516, 73.6649

Background



This preview shows how black text looks on a background with the XYZ color 80.5928, 80.9516, 73.6649.



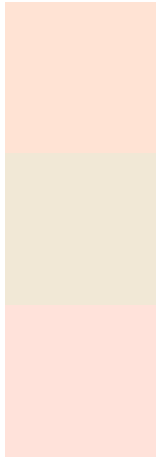
This preview shows how white text looks on a background with the XYZ color 80.5928, 80.9516,

73.6649.

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

80.5928, 80.9516, 73.6649

Protanopia

77.2698, 81.2690, 75.2323

Deuteranopia

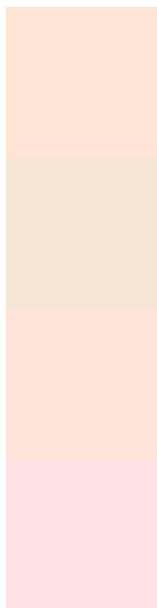
81.0912, 80.7147, 77.6352



Tritanopia

83.4756, 80.8033, 92.8583

Trichromacy



Original Color

80.5928, 80.9516, 73.6649

Protanomaly

78.3131, 80.9906, 74.4560

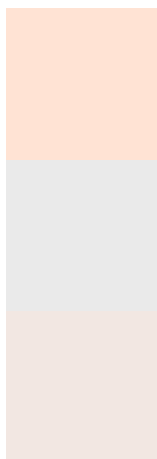
Deuteranomaly

80.8310, 80.6106, 76.2649

Tritanomaly

82.3081, 80.7676, 85.3803

Monochromacy



Original Color

80.5928, 80.9516, 73.6649

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.9213, 81.5201, 83.5269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.5928, 80.9516, 73.6649 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, 227, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 212)  
}
```

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, 227, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 212) }
```

Border

The CSS property to change the border of an element to XYZ 80.5928, 80.9516, 73.6649 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, 227, 212) }
```


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

```
.border{ border-color:rgb(255, 227, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 80.5928, 80.9516, 73.6649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 212) }
```

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

```
.background{ background-color: rgb(255,  
227, 212) }
```

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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