

Converting Colors

XYZ(71.6488, 68.7090, 57.6989)

Have a look what the booklet for
XYZ(71.6488, 68.7090, 57.6989)
contains.

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Color

**XYZ(71.7646, 68.6994,
57.6220)**

Conversions

Conversions Part 1

Format	Color
Hex	FDCEBD
RGB	253, 206, 189
RGB Percent	99%, 81%, 74%
CMY	0.0078, 0.1921, 0.2588
CMYK	0.00, 0.19, 0.25, 0.01
HSL	16°, 94%, 87%
HSV	16°, 25%, 99%
XYZ	71.7646, 68.6994, 57.6220
YIQ	218.1150, 33.4690, 4.6770

Conversions

Conversions Part 2

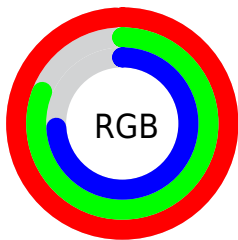
Format	Color
R _Y B	253, 212, 189
Decimal	16633533
CIE Lab	86.35, 14.11, 14.70
CIE LCh	86, 20.377, 46.174
Yxy	68.6994, 0.3623, 0.3468
Android (android.graphics.Color)	4294823613 (0xFFFDCEBD)
YUV	218.1150, -14.3537, 30.5941
Hunter-Lab	82.8851, 9.5021, 16.8010

Details

The XYZ color **71.7646, 68.6994, 57.6220** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.7105, 77.8992, 104.3434**, and the grayscale version is **66.8011, 70.2800, 76.5349**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **38.4371, 35.9698, 28.2096** is the 20% darker color. If you saturate the color by 10%, you get **65.0434, 59.2751, 42.9939**, and if you desaturate by 10%, it is **79.4972, 79.3790, 74.9522**.

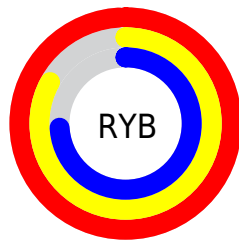
Distribution



Red (99%)

Green (81%)

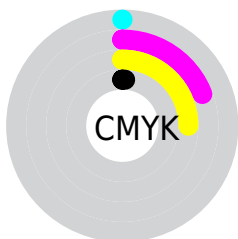
Blue (74%)



Red (99%)

Yellow (83%)

Blue (74%)

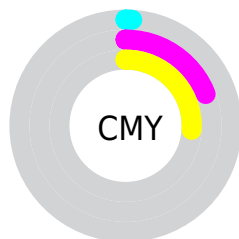


Cyan (0%)

Magenta (19%)

Yellow (25%)

Black (1%)



Cyan (1%)


Magenta (19%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.7646, 68.6994, 57.6220 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 71.7646, 68.6994, 57.6220 by changing the saturation by 10% instead.


 71.7646, 68.6994,
57.6220

 71.7646, 68.6994,
57.6220


455.8922,
455.9701, 433.3348

 53.2512, 50.4669,
41.0921

 120.7344,
117.3521, 102.8815

 38.2316, 35.7846,
28.0709


151.9215,
148.5412, 132.4483

 26.3405, 24.2678,
18.1396

188.0639,
184.8179, 167.1978

 17.2126, 15.5324,
10.8798

229.5269,
226.5666, 207.5485

 10.4824, 9.1939,
5.8729

276.6758,
274.1718, 253.9190

 5.7847, 4.8679,
2.7004

329.8761,

 2.7540, 2.1699,

328.0179, 306.7279

0.9436

389.4932,
388.4892, 366.3936

■ 1.0250, 0.7035,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.7646, 68.6994,
57.6220

■ 71.7646, 68.6994,
57.6220

■ 65.0434, 59.2751,
42.9939

■ 79.4972, 79.3790,
74.9522

■ 59.2850, 51.0498,
30.9264

■ 88.2762, 91.3483,
95.1075

■ 54.4445, 43.9773,
21.2717

■ 94.3181, 99.6227,
108.8657

■ 50.4714, 38.0041,
13.8648

■ 47.3097, 33.0726,
8.5201

■ 44.8961, 29.1194,
5.0212

■ 43.1557, 26.0727,
3.1027

■ 42.5286, 24.9236,
2.5692

Harmonies

Analogous

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



74.3776, 68.6994, 67.8139



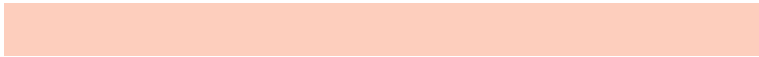
71.7646, 68.6994, 57.6220



67.4829, 68.6994, 52.3565

Triad

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



71.7646, 68.6994, 57.6220



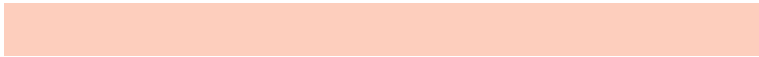
56.8993, 68.6994, 68.7788



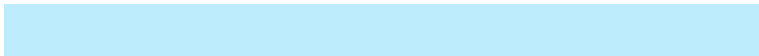
67.8495, 68.6994, 102.5504

Complementary

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



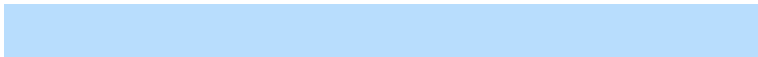
71.7646, 68.6994, 57.6220



68.7105, 77.8992, 104.3434

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.



63.1582, 68.6994, 102.8898



71.7646, 68.6994, 57.6220



56.9868, 68.6994, 82.2544

Square

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



71.7646, 68.6994, 57.6220



58.9844, 68.6994, 58.2550



59.2296, 68.6994, 95.0965



72.0441, 68.6994, 94.2185

Rectangle

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



71.7646, 68.6994, 57.6220



64.3285, 68.6994, 51.8844



59.2296, 68.6994, 95.0965



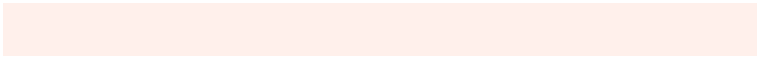
66.2746, 68.6994, 103.6344

Sweetspot

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



71.7664, 68.7026, 57.6234



87.3437, 89.5672, 90.9793



73.9922, 63.3930, 88.4575



18.4019, 18.7719, 18.7978



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.



71.7664, 68.7026, 57.6234



69.7097, 65.2615, 51.3058



79.9780, 85.1256, 60.3606



18.4019, 18.7719, 18.7978



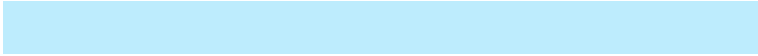
22.7246, 13.4604, 1.4004



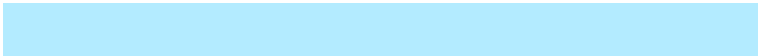
2.2976, 1.4806, 0.1647

Inverse Universe

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



68.7105, 77.8992, 104.3434



66.1400, 75.9741, 105.7863



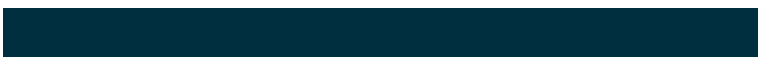
60.5479, 61.5741, 101.6225



18.1226, 19.6167, 23.0812



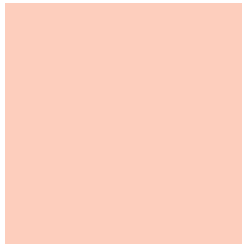
18.8731, 22.6558, 52.8129



1.9273, 2.3853, 5.1721

Previews

White Background



This preview shows how the XYZ color 71.7646, 68.6994, 57.6220 looks on a white background.

Color Contrast Check

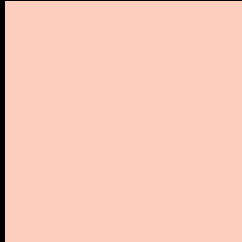
Large Text (above 18pt) WCAG AA × Fail

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 71.7646, 68.6994, 57.6220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

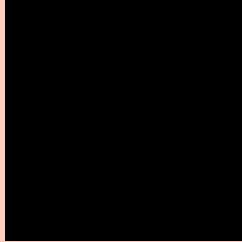
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7646, 68.6994, 57.6220

Background



This preview shows how black text looks on a background with the XYZ color 71.7646, 68.6994, 57.6220.



This preview shows how white text looks on a background with the XYZ color 71.7646, 68.6994,

57.6220.

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

71.7646, 68.6994, 57.6220

Protanopia

65.3448, 69.0143, 60.9160

Deuteranopia

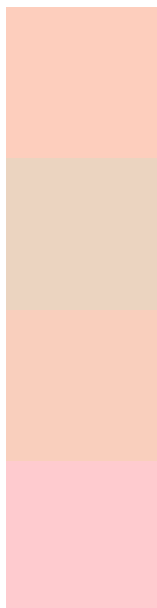
70.0990, 68.5600, 57.6829



Tritanopia

74.8849, 68.5108, 74.9227

Trichromacy



Original Color

71.7646, 68.6994, 57.6220

Protanomaly

67.3189, 68.5549, 59.5535

Deuteranomaly

70.5651, 68.4395, 57.6351

Tritanomaly

73.4915, 68.2877, 68.3389

Monochromacy



Original Color

71.7646, 68.6994, 57.6220

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.2640, 69.5871, 68.8652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7646, 68.6994, 57.6220 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(253, 206, 189)` looks like.

```
.text, #text, p{  
    color:rgb(253, 206, 189)  
}
```

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(253, 206, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 206, 189) }
```

Border

The CSS property to change the border of an element to XYZ 71.7646, 68.6994, 57.6220 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(253, 206, 189) }
```


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

```
.border{ border-color:rgb(253, 206, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 206, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 206, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 206, 189);  
box-shadow:4px 4px 4px 4px rgb(253, 206,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7646, 68.6994, 57.6220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 206, 189) }
```

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

```
.background{ background-color: rgb(253,  
206, 189) }
```

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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