

Converting Colors

XYZ(65.4788, 59.6022, 46.5813)

Have a look what the booklet for
XYZ(65.4788, 59.6022, 46.5813)
contains.

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Color

**XYZ(65.4788, 59.6022,
46.5813)**

Conversions

Conversions Part 1

Format	Color
Hex	FCBCAB
RGB	252, 188, 171
RGB Percent	99%, 74%, 67%
CMY	0.0118, 0.2627, 0.3294
CMYK	0.00, 0.25, 0.32, 0.01
HSL	13°, 93%, 83%
HSV	13°, 32%, 99%
XYZ	65.4788, 59.6022, 46.5813
YIQ	205.1980, 43.6010, 8.2810

Conversions

Conversions Part 2

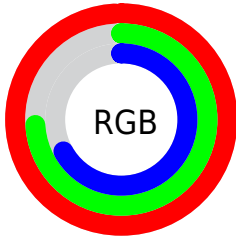
Format	Color
R _Y B	252, 193, 171
Decimal	16563371
CIE Lab	81.62, 20.81, 17.61
CIE LCh	82, 27.265, 40.240
Yxy	59.6022, 0.3814, 0.3472
Android (android.graphics.Color)	4294753451 (0xFFFCBCAB)
YUV	205.1980, -16.8596, 41.0454
Hunter-Lab	77.2025, 16.2894, 18.2682

Details

The XYZ color **65.4788, 59.6022, 46.5813** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.0725, 75.1002, 103.2144**, and the grayscale version is **58.2402, 61.2732, 66.7266**.

A 20% lighter version of the original color is **87.3182, 91.4524, 85.0014**, and **34.1030, 29.8514, 21.4172** is the 20% darker color. If you saturate the color by 10%, you get **59.3384, 50.8057, 33.7922**, and if you desaturate by 10%, it is **72.6671, 69.7609, 61.9801**.

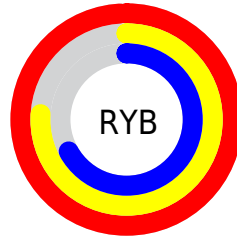
Distribution



Red (99%)

Green (74%)

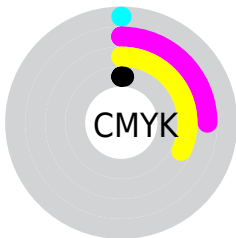
Blue (67%)



Red (99%)

Yellow (76%)

Blue (67%)

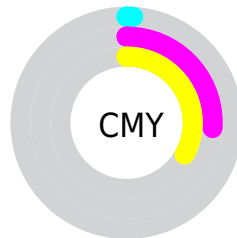


Cyan (0%)

Magenta (25%)

Yellow (32%)

Black (1%)



Cyan (1%)


Magenta (26%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4788, 59.6022, 46.5813 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 65.4788, 59.6022, 46.5813 by changing the saturation by 10% instead.


 65.4788, 59.6022,
46.5813

 65.4788, 59.6022,
46.5813


434.0286,
423.1299, 389.4860

 48.1156, 43.0981,
32.3528


 111.7998,
104.2524, 86.4317

 34.1300, 29.9621,
21.3641

141.4883,
133.1673, 112.8907

 23.1569, 19.8098,
13.1966


176.0160,
166.9878, 144.2637

 14.8307, 12.2569,
7.4317


215.7481,
206.0985, 180.9691

 8.7862, 6.9189,
3.6510

261.0501,
250.8836, 223.4254

 4.6580, 3.4114,
1.4359

312.2873,

 2.0807, 1.3501,

301.7276, 272.0514

0.1695

369.8250,
359.0150, 327.2654

■ 0.6787, 0.1795,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.4788, 59.6022,
46.5813

■ 65.4788, 59.6022,
46.5813

■ 59.3384, 50.8057,
33.7922

■ 72.6671, 69.7609,
61.9801

■ 54.1911, 43.3049,
23.4637

■ 80.9450, 81.3281,
80.1190

■ 49.9843, 37.0400,
15.4373

■ 90.3579, 94.3582,
101.1241

■ 46.6583, 31.9433,
9.5342

■ 93.9549, 99.4355,
108.8488

■ 44.1462, 27.9400,
5.5490

■ 42.3700, 24.9463,
3.2346

■ 41.4137, 23.2331,
2.3017

Harmonies

Analogous

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



68.1924, 59.6022, 59.4503



65.4788, 59.6022, 46.5813



60.4553, 59.6022, 39.5110

Triad

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



65.4788, 59.6022, 46.5813



46.9056, 59.6022, 54.8074



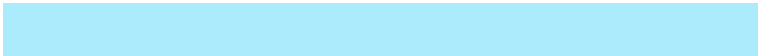
58.6303, 59.6022, 101.1423

Complementary

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



65.4788, 59.6022, 46.5813



64.0725, 75.1002, 103.2144

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.



53.0080, 59.6022, 99.3320



65.4788, 59.6022, 46.5813



46.4897, 59.6022, 70.6659

Square

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



65.4788, 59.6022, 46.5813



49.8301, 59.6022, 43.6765



48.6530, 59.6022, 87.4758



64.0656, 59.6022, 92.0706

Rectangle

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



65.4788, 59.6022, 46.5813



56.6041, 59.6022, 38.1921



48.6530, 59.6022, 87.4758



56.6962, 59.6022, 101.8186

Sweetspot

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



65.4804, 59.6050, 46.5825



85.1192, 86.2779, 86.6623



69.8194, 55.8664, 86.3083



17.9407, 18.0805, 17.9320



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.



65.4804, 59.6050, 46.5825



62.8123, 54.8642, 38.5324



75.1568, 78.9580, 49.8080



17.5398, 17.8155, 17.9767



21.6578, 12.2723, 1.2273



2.0788, 1.2824, 0.1380

Inverse Universe

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



64.0725, 75.1002, 103.2144



61.1307, 73.1578, 105.5067



53.9482, 54.8516, 99.8396



17.4383, 18.9535, 22.1246



19.9135, 25.1825, 51.7847



1.9191, 2.4819, 4.8211

Previews

White Background



This preview shows how the XYZ color 65.4788, 59.6022, 46.5813 looks on a white background.

Color Contrast Check

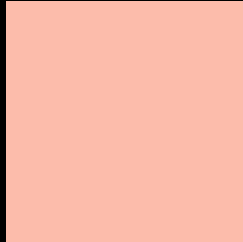
Large Text (above 18pt) WCAG AA × Fail

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 65.4788, 59.6022, 46.5813 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 65.4788, 59.6022, 46.5813

Background



This preview shows how black text looks on a background with the XYZ color 65.4788, 59.6022, 46.5813.



This preview shows how white text looks on a background with the XYZ color 65.4788, 59.6022,

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

65.4788, 59.6022, 46.5813

Protanopia

56.8324, 60.0724, 50.7192

Deuteranopia

61.0318, 59.5947, 46.3164



Tritanopia

68.5735, 59.6182, 61.3193

Trichromacy



Original Color

65.4788, 59.6022, 46.5813

Protanomaly

59.6105, 59.8142, 48.9609

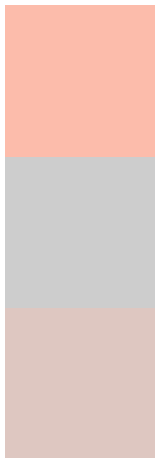
Deuteranomaly

62.3810, 59.3023, 46.1889

Tritanomaly

67.2991, 59.3996, 55.4952

Monochromacy



Original Color

65.4788, 59.6022, 46.5813

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.1733, 60.2267, 58.9055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4788, 59.6022, 46.5813 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(252, 188, 171)` looks like.

```
.text, #text, p{  
    color:rgb(252, 188, 171)  
}
```

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(252, 188, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 188, 171) }
```

Border

The CSS property to change the border of an element to XYZ 65.4788, 59.6022, 46.5813 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(252, 188, 171) }
```


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

```
.border{ border-color:rgb(252, 188, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 188, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 188, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 188, 171);  
box-shadow:4px 4px 4px 4px rgb(252, 188,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4788, 59.6022, 46.5813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 188, 171) }
```

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

```
.background{ background-color: rgb(252,  
188, 171) }
```

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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