

Converting Colors

XYZ(132.8763, 93.1912,
46.2423)

Have a look what the booklet for
XYZ(132.8763, 93.1912, 46.2423)
contains.

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Color

**XYZ(65.0813, 58.2213,
42.9296)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB8A4
RGB	255, 184, 164
RGB Percent	100%, 72%, 64%
CMY	0.0000, 0.2784, 0.3569
CMYK	0.00, 0.28, 0.36, 0.00
HSL	13°, 100%, 82%
HSV	13°, 36%, 100%
XYZ	65.0813, 58.2213, 42.9296
YIQ	202.9490, 48.7360, 8.8320

Conversions

Conversions Part 2

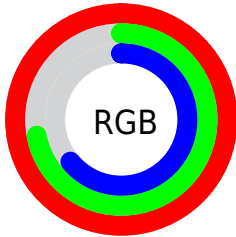
Format	Color
R _Y B	255, 190, 164
Decimal	16758948
CIE Lab	80.86, 23.19, 20.35
CIE LCh	81, 30.854, 41.263
Yxy	58.2213, 0.3915, 0.3502
Android (android.graphics.Color)	4294949028 (0xFFFFB8A4)
YUV	202.9490, -19.2019, 45.6487
Hunter-Lab	76.3029, 18.7186, 20.0542

Details

The XYZ color **65.0813, 58.2213, 42.9296** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.0670, 74.5264, 105.6688**, and the grayscale version is **56.8293, 59.7889, 65.1101**.

A 20% lighter version of the original color is **85.1863, 88.6946, 79.6478**, and **33.8059, 29.1382, 19.1717** is the 20% darker color. If you saturate the color by 10%, you get **59.1594, 49.7007, 30.7107**, and if you desaturate by 10%, it is **72.0491, 68.0944, 57.7761**.

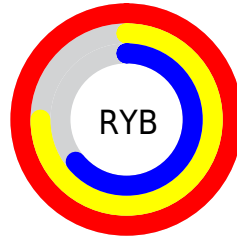
Distribution



Red (100%)

Green (72%)

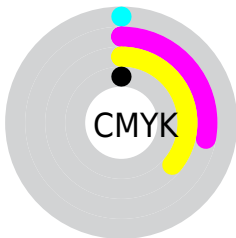
Blue (64%)



Red (100%)

Yellow (75%)

Blue (64%)

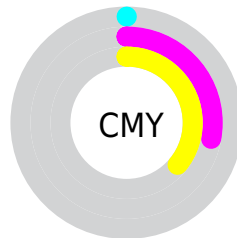


Cyan (0%)

Magenta (28%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0813, 58.2213, 42.9296 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 65.0813, 58.2213, 42.9296 by changing the saturation by 10% instead.


 65.0813, 58.2213,
42.9296


 65.0813, 58.2213,
42.9296

432.6247,
418.0100, 374.2349

 47.7920, 41.9866,
29.4989


 111.2318,
102.2451, 80.8898

 33.8727, 29.0908,
19.2097


 140.8236,
130.8029, 106.2564

 22.9583, 19.1495,
11.6436


175.2470,
164.2372, 136.4387

 14.6832, 11.7784,
6.3819

214.8673,
202.9324, 171.8553

 8.6822, 6.5929,
3.0061

260.0499,
247.2729, 212.9247

 4.5899, 3.2089,
1.0978

311.1601,

 2.0410, 1.2417,

297.6431, 260.0653

0.0000

368.5632,
354.4273, 313.6959

0.6568, 0.0954,
0.0000

0.0000, 0.0000,
0.0000

65.0813, 58.2213,
42.9296

65.0813, 58.2213,
42.9296

59.1594, 49.7007,
30.7107

72.0491, 68.0944,
57.7761

54.2271, 42.4650,
20.9617

80.1064, 79.3674,
75.3883

50.2292, 36.4531,
13.5134

89.2999, 92.0953,
95.8987

47.1033, 31.5953,
8.1735

95.0500, 100.0000,
108.9000

■ 44.7782, 27.8147,
4.7182

■ 43.1702, 25.0238,
2.8714

■ 42.6570, 24.0941,
2.4023

Harmonies

Analogous

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



68.2627, 58.2213, 56.7755



65.0813, 58.2213, 42.9296



59.3728, 58.2213, 35.6018

Triad

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



65.0813, 58.2213, 42.9296



44.5137, 58.2213, 52.7632



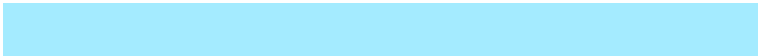
57.7685, 58.2213, 104.4724

Complementary

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



65.0813, 58.2213, 42.9296



63.0670, 74.5264, 105.6688

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.



51.4895, 58.2213, 102.8272



65.0813, 58.2213, 42.9296



44.1566, 58.2213, 70.5060

Square

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



65.0813, 58.2213, 42.9296



47.6345, 58.2213, 40.4802



46.6184, 58.2213, 89.5034



63.8294, 58.2213, 93.6416

Rectangle

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



65.0813, 58.2213, 42.9296



55.0677, 58.2213, 34.3549



46.6184, 58.2213, 89.5034



55.6084, 58.2213, 105.4074

Sweetspot

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



65.0828, 58.2241, 42.9308



84.2701, 85.1471, 84.6304



69.5521, 53.8260, 85.5359



17.7739, 17.8599, 17.5278



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.



65.0828, 58.2241, 42.9308



60.6507, 51.8609, 33.7433



76.0204, 80.0992, 46.5766



18.3331, 18.6344, 18.7749



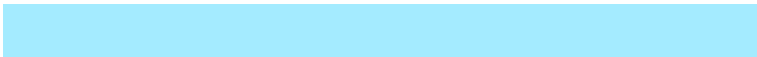
22.3783, 12.7679, 1.2850



2.2554, 1.3961, 0.1506

Inverse Universe

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



63.0670, 74.5264, 105.6688



58.3352, 70.3644, 105.1148



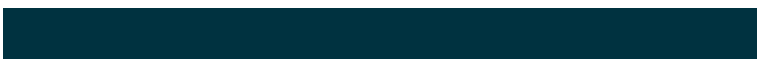
51.7269, 51.8462, 101.8887



18.1962, 19.7639, 23.1057



20.2115, 25.3326, 53.2590



2.0476, 2.6260, 5.2122

Previews

White Background



This preview shows how the XYZ color 65.0813, 58.2213, 42.9296 looks on a white background.

Color Contrast Check

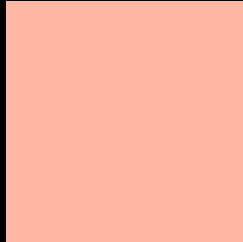
Large Text (above 18pt) WCAG AA × Fail

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 65.0813, 58.2213, 42.9296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

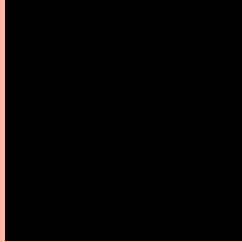
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0813, 58.2213, 42.9296

Background



This preview shows how black text looks on a background with the XYZ color 65.0813, 58.2213, 42.9296.



This preview shows how white text looks on a background with the XYZ color 65.0813, 58.2213,

42.9296.

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

65.0813, 58.2213, 42.9296

Protanopia

55.1970, 58.6007, 47.4316

Deuteranopia

59.5232, 58.2410, 42.2868



Tritanopia

67.5015, 58.2028, 58.7155

Trichromacy



Original Color

65.0813, 58.2213, 42.9296

Protanomaly

58.3551, 58.2257, 45.6992

Deuteranomaly

61.6423, 58.3485, 42.6638

Tritanomaly

66.5152, 58.1348, 52.5152

Monochromacy



Original Color

65.0813, 58.2213, 42.9296

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.0494, 58.6836, 56.3589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0813, 58.2213, 42.9296 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, 184, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 164)  
}
```

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, 184, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 164) }
```

Border

The CSS property to change the border of an element to XYZ 65.0813, 58.2213, 42.9296 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, 184, 164) }
```


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

```
.border{ border-color:rgb(255, 184, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0813, 58.2213, 42.9296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 164) }
```

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

```
.background{ background-color: rgb(255,  
184, 164) }
```

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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