

Converting Colors

XYZ(71.0237, 60.9567, 48.0832)

Have a look what the booklet for
XYZ(71.0237, 60.9567, 48.0832)
contains.

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Color

**XYZ(65.8135, 58.1830,
47.8061)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7AE
RGB	255, 183, 174
RGB Percent	100%, 72%, 68%
CMY	0.0000, 0.2823, 0.3176
CMYK	0.00, 0.28, 0.32, 0.00
HSL	7°, 100%, 84%
HSV	7°, 32%, 100%
XYZ	65.8135, 58.1830, 47.8061
YIQ	203.5020, 45.8010, 12.4650

Conversions

Conversions Part 2

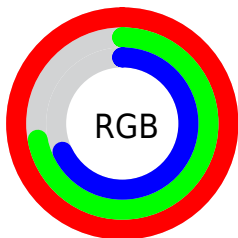
Format	Color
R _Y B	255, 184, 174
Decimal	16758702
CIE Lab	80.84, 24.93, 14.96
CIE LCh	81, 29.073, 30.961
Yxy	58.1830, 0.3831, 0.3387
Android (android.graphics.Color)	4294948782 (0xFFFFB7AE)
YUV	203.5020, -14.5445, 45.1637
Hunter-Lab	76.2778, 20.5261, 16.2352

Details

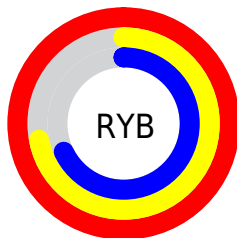
The XYZ color **65.8135, 58.1830, 47.8061** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.4601, 82.1272, 106.8517**, and the grayscale version is **57.1502, 60.1265, 65.4778**.

A 20% lighter version of the original color is **86.2494, 88.6501, 86.6941**, and **34.5214, 29.2407, 22.2369** is the 20% darker color. If you saturate the color by 10%, you get **59.2552, 48.6742, 34.4975**, and if you desaturate by 10%, it is **73.5994, 69.3915, 63.8534**.

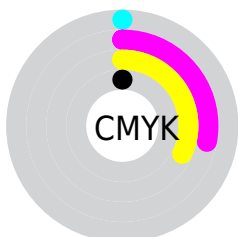
Distribution



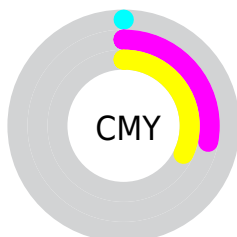
- Red (100%)
- Green (72%)
- Blue (68%)



- Red (100%)
- Yellow (72%)
- Blue (68%)



- Cyan (0%)
- Magenta (28%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.8135, 58.1830, 47.8061 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 65.8135, 58.1830, 47.8061 by changing the saturation by 10% instead.


 65.8135, 58.1830,
47.8061

 65.8135, 58.1830,
47.8061


435.2088,
417.8675, 394.5096

 48.3882, 41.9558,
33.3145


 112.2778,
102.1893, 88.2782

 34.3469, 29.0667,
22.0944


142.0475,
130.7372, 115.0957

 23.3244, 19.1313,
13.7273


176.6627,
164.1607, 146.8589

 14.9552, 11.7652,
7.7946

216.4888,
202.8444, 183.9864

 8.8741, 6.5840,
3.8779

261.8911,
247.1725, 226.8967

 4.7156, 3.2033,
1.5586

313.2349,

 2.1144, 1.2388,

297.5294, 276.0082

0.2610

370.8857,
354.2996, 331.7397

■ 0.6970, 0.0930,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.8135, 58.1830,
47.8061

■ 65.8135, 58.1830,
47.8061

■ 59.2552, 48.6742,
34.4975

■ 73.5994, 69.3915,
63.8534

■ 53.8574, 40.7744,
23.7710

■ 82.6669, 82.3685,
82.7769

■ 49.5532, 34.3966,
15.4597

■ 93.0717, 97.1890,
104.7092

■ 46.2670, 29.4424,
9.3755

95.0500, 100.0000,
108.9000

■ 43.9134, 25.8018,
5.3026

■ 42.3925, 23.3485,
2.9819

■ 41.6636, 22.1072,
2.0712

Harmonies

Analogous

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



67.6779, 58.1830, 62.7980



65.8135, 58.1830, 47.8061



61.1019, 58.1830, 38.5996

Triad

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



65.8135, 58.1830, 47.8061



45.8014, 58.1830, 48.6073



55.4952, 58.1830, 102.5347

Complementary

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



65.8135, 58.1830, 47.8061



68.4601, 82.1272, 106.8517

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.



49.8798, 58.1830, 96.9123



65.8135, 58.1830, 47.8061



44.5336, 58.1830, 63.9080

Square

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



65.8135, 58.1830, 47.8061



49.5671, 58.1830, 38.9999



45.9725, 58.1830, 81.9468



61.4613, 58.1830, 96.1773

Rectangle

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



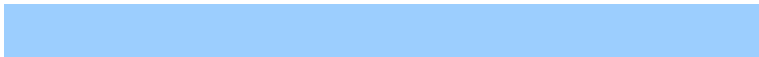
65.8135, 58.1830, 47.8061



57.1365, 58.1830, 35.9673



45.9725, 58.1830, 81.9468



53.5056, 58.1830, 101.9756

Sweetspot

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



65.8150, 58.1857, 47.8073



84.4038, 84.8471, 86.4239



73.1494, 58.2419, 95.3013



17.7690, 17.7371, 17.8748



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.



65.8150, 58.1857, 47.8073



61.5845, 52.0608, 39.1958



75.1612, 76.8782, 50.9227



18.1719, 18.3120, 18.7211



21.8218, 11.6548, 1.0995



2.1751, 1.2355, 0.1238

Inverse Universe

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



68.4601, 82.1272, 106.8517



64.5893, 79.3373, 106.5172



57.6738, 60.5547, 103.2562



18.3722, 20.1161, 23.1644



23.8039, 32.5174, 54.4565



2.3648, 3.2603, 5.3179

Previews

White Background



This preview shows how the XYZ color 65.8135, 58.1830, 47.8061 looks on a white background.

Color Contrast Check

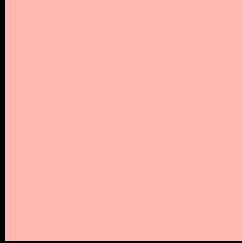
Large Text (above 18pt) WCAG AA × Fail

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 65.8135, 58.1830, 47.8061 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 65.8135, 58.1830, 47.8061

Background



This preview shows how black text looks on a background with the XYZ color 65.8135, 58.1830, 47.8061.



This preview shows how white text looks on a background with the XYZ color 65.8135, 58.1830,

47.8061.

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

65.8135, 58.1830, 47.8061

Protanopia

55.4960, 58.2828, 53.1245

Deuteranopia

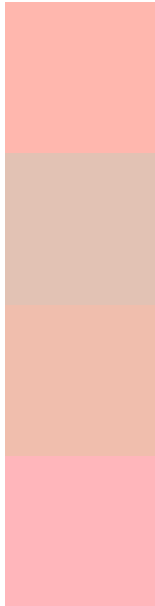
59.6932, 58.5511, 47.1850



Tritanopia

67.5015, 58.2028, 58.7155

Trichromacy



Original Color

65.8135, 58.1830, 47.8061

Protanomaly

58.8940, 58.0476, 51.2803

Deuteranomaly

61.8915, 58.3693, 47.5395

Tritanomaly

66.9376, 58.3038, 54.7395

Monochromacy



Original Color

65.8135, 58.1830, 47.8061

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.7970, 59.0181, 58.6921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8135, 58.1830, 47.8061 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, 183, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 174)  
}
```

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, 183, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 174) }
```

Border

The CSS property to change the border of an element to XYZ 65.8135, 58.1830, 47.8061 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, 183, 174) }
```


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

```
.border{ border-color:rgb(255, 183, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 183, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 183, 174); box-shadow:4px 4px 4px 4px rgb(255, 183, 174) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8135, 58.1830, 47.8061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 174) }
```

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

```
.background{ background-color: rgb(255,  
183, 174) }
```

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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