

Converting Colors

XYZ(65.9903, 59.2030, 47.5109)

Have a look what the booklet for
XYZ(65.9903, 59.2030, 47.5109)
contains.

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Color

**XYZ(65.9748, 59.2058,
47.4858)**

Conversions

Conversions Part 1

Format	Color
Hex	FEBAAD
RGB	254, 186, 173
RGB Percent	100%, 73%, 68%
CMY	0.0039, 0.2706, 0.3216
CMYK	0.00, 0.27, 0.32, 0.00
HSL	10°, 98%, 84%
HSV	10°, 32%, 100%
XYZ	65.9748, 59.2058, 47.4858
YIQ	204.8500, 44.7010, 10.3730

Conversions

Conversions Part 2

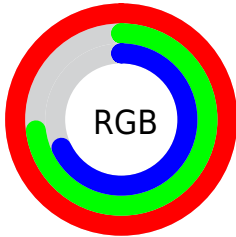
Format	Color
R _Y B	254, 188, 173
Decimal	16693933
CIE Lab	81.40, 22.86, 16.27
CIE LCh	81, 28.058, 35.440
Yxy	59.2058, 0.3821, 0.3429
Android (android.graphics.Color)	4294884013 (0xFFFEBAAD)
YUV	204.8500, -15.7020, 43.1046
Hunter-Lab	76.9453, 18.3960, 17.2717

Details

The XYZ color **65.9748, 59.2058, 47.4858** is a light color, and the websafe version is hex **FFCCCC**, and the color name is **melon**. A complement of this color would be **66.5772, 78.9479, 105.4956**, and the grayscale version is **58.0111, 61.0322, 66.4641**.

A 20% lighter version of the original color is **86.9957, 90.3657, 86.2559**, and **34.4674, 29.6188, 21.9895** is the 20% darker color. If you saturate the color by 10%, you get **59.5852, 49.9930, 34.3610**, and if you desaturate by 10%, it is **73.5050, 69.9515, 63.2971**.

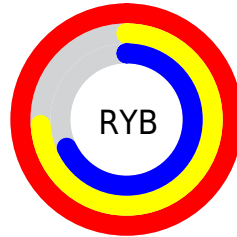
Distribution



Red (100%)

Green (73%)

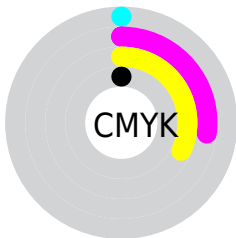
Blue (68%)



Red (100%)

Yellow (74%)

Blue (68%)

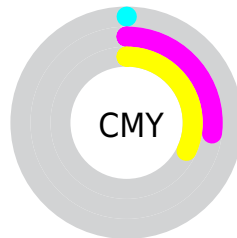


Cyan (0%)

Magenta (27%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.9748, 59.2058, 47.4858 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 65.9748, 59.2058, 47.4858 by changing the saturation by 10% instead.


 65.9748, 59.2058,
47.4858

 65.9748, 59.2058,
47.4858


435.7768,
421.6642, 393.2001

 48.5196, 42.7788,
33.0628


 112.5081,
103.6767, 87.7959

 34.4515, 29.7116,
21.9030


142.3169,
132.4894, 114.5200

 23.4052, 19.6198,
13.5880


176.9742,
166.1995, 146.1816

 15.0153, 12.1190,
7.6992

216.8455,
205.1913, 183.1991

 8.9165, 6.8248,
3.8181

262.2960,
249.8493, 225.9912

 4.7434, 3.3527,
1.5261

313.6912,

 2.1307, 1.3185,

300.5579, 274.9764

0.2373

371.3963,
357.7013, 330.5732

■ 0.7058, 0.1555,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.9748, 59.2058,
47.4858

■ 65.9748, 59.2058,
47.4858

■ 59.5852, 49.9930,
34.3610

■ 73.5050, 69.9515,
63.2971

■ 54.2755, 42.2350,
23.7694

■ 82.2234, 82.2871,
81.9293

■ 49.9861, 35.8594,
15.5478

■ 92.1804, 96.2768,
103.5123

■ 46.6498, 30.7839,
9.5122

94.6831, 99.8109,
108.8828

■ 44.1910, 26.9176,
5.4514

■ 42.5217, 24.1573,
3.1119

■ 41.6585, 22.6417,
2.1746

Harmonies

Analogous

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



68.2685, 59.2058, 61.4502



65.9748, 59.2058, 47.4858



61.0942, 59.2058, 39.3166

Triad

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



65.9748, 59.2058, 47.4858



46.6230, 59.2058, 51.9459



57.3497, 59.2058, 102.2775

Complementary

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



65.9748, 59.2058, 47.4858



66.5772, 78.9479, 105.4956

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.



51.7130, 59.2058, 98.5451



65.9748, 59.2058, 47.4858



45.7726, 59.2058, 67.5770

Square

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



65.9748, 59.2058, 47.4858



49.9816, 59.2058, 41.5609



47.5728, 59.2058, 85.0745



63.0721, 59.2058, 94.5359

Rectangle

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



65.9748, 59.2058, 47.4858



57.1751, 59.2058, 37.3224



47.5728, 59.2058, 85.0745



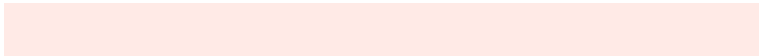
55.3811, 59.2058, 102.3363

Sweetspot

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



65.9764, 59.2086, 47.4870



84.7602, 85.5600, 86.5427



71.8215, 57.3604, 91.1729



17.8545, 17.9081, 17.9033



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.



65.9764, 59.2086, 47.4870



62.4903, 53.8722, 39.4977



75.5175, 78.2909, 50.6674



18.2449, 18.4579, 18.7455



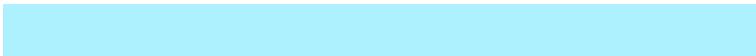
22.0312, 12.0735, 1.1693



2.2092, 1.3038, 0.1352

Inverse Universe

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



66.5772, 78.9479, 105.4956



63.1663, 76.4913, 106.0428



56.0919, 57.9773, 102.0005



18.2919, 19.9555, 23.1376



22.0967, 29.1030, 53.8874



2.2150, 2.9607, 5.2680

Previews

White Background



This preview shows how the XYZ color 65.9748, 59.2058, 47.4858 looks on a white background.

Color Contrast Check

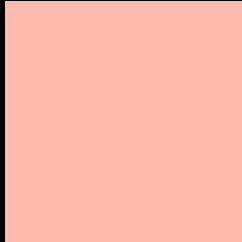
Large Text (above 18pt) WCAG AA × Fail

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 65.9748, 59.2058, 47.4858 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 65.9748, 59.2058, 47.4858

Background



This preview shows how black text looks on a background with the XYZ color 65.9748, 59.2058, 47.4858.



This preview shows how white text looks on a background with the XYZ color 65.9748, 59.2058,

47.4858.

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

65.9748, 59.2058, 47.4858

Protanopia

56.3250, 59.4261, 52.2178

Deuteranopia

60.4701, 59.2941, 46.7859



Tritanopia

68.2515, 59.1582, 60.6447

Trichromacy



Original Color

65.9748, 59.2058, 47.4858

Protanomaly

59.4544, 59.0251, 50.3789

Deuteranomaly

62.5717, 59.3786, 47.1931

Tritanomaly

67.4576, 59.1718, 55.4429

Monochromacy



Original Color

65.9748, 59.2058, 47.4858

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.2511, 59.9264, 58.8435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9748, 59.2058, 47.4858 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(254, 186, 173)` looks like.

```
.text, #text, p{  
    color:rgb(254, 186, 173)  
}
```

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(254, 186, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 186, 173) }
```

Border

The CSS property to change the border of an element to XYZ 65.9748, 59.2058, 47.4858 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(254, 186, 173) }
```


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

```
.border{ border-color:rgb(254, 186, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 186, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 186, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 186, 173);  
box-shadow:4px 4px 4px 4px rgb(254, 186,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9748, 59.2058, 47.4858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 186, 173) }
```

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

```
.background{ background-color: rgb(254,  
186, 173) }
```

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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