

Converting Colors

XYZ(48.7050, 49.3401, 27.0327)

Have a look what the booklet for
XYZ(48.7050, 49.3401, 27.0327)
contains.

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Color

**XYZ(48.6735, 49.1790,
27.0058)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D8B57F |
| RGB | 216, 181, 127 |
| RGB Percent | 85%, 71%, 50% |
| CMY | 0.1529, 0.2902, 0.5020 |
| CMYK | 0.00, 0.16, 0.41, 0.15 |
| HSL | 36°, 53%, 67% |
| HSV | 36°, 41%, 85% |
| XYZ | 48.6735, 49.1790, 27.0058 |
| YIQ | 185.3090, 38.1940, -9.3740 |

Conversions

Conversions Part 2

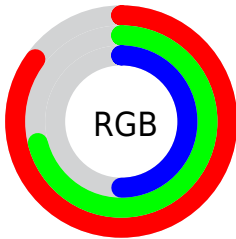
| Format | Color |
|-------------------------------------|--|
| RYB | 185, 216, 127 |
| Decimal | 14202239 |
| CIELab | 75.56, 5.36, 32.21 |
| CIELCh | 76, 32.650, 80.552 |
| Yxy | 49.1790, 0.3898, 0.3939 |
| Android (android.graphics.Color) | 4292392319 (0xFFD8B57F) |
| YUV | 185.3090, -28.7463, 26.9160 |
| Hunter-Lab | 70.1277, 1.1678, 26.2572 |

Details

The XYZ color **48.6735, 49.1790, 27.0058** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.0669, 35.3092, 69.9854**, and the grayscale version is **46.4275, 48.8453, 53.1925**.

A 20% lighter version of the original color is **79.7624, 85.1237, 55.4066**, and **23.5559, 23.4477, 10.3055** is the 20% darker color. If you saturate the color by 10%, you get **45.7396, 45.3276, 19.8115**, and if you desaturate by 10%, it is **52.0170, 53.3663, 35.8265**.

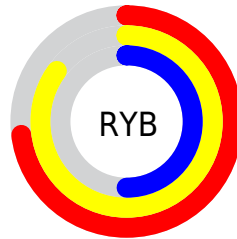
Distribution



Red (85%)

Green (71%)

Blue (50%)



Red (73%)

Yellow (85%)

Blue (50%)

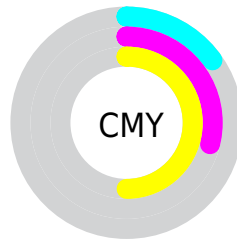


Cyan (0%)

Magenta (16%)

Yellow (41%)

Black (15%)



Cyan (15%)

Magenta (29%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.6735, 49.1790, 27.0058 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 48.6735, 49.1790, 27.0058 by changing the saturation by 10% instead.

■ 48.6735, 49.1790,
27.0058

■ 48.6735, 49.1790,
27.0058

371.9939,
383.4466, 301.4463

■ 34.5740, 34.7615,
17.3451

■ 87.4100, 88.9573,
55.8970

■ 23.4999, 23.4792,
10.3163

■ 112.7777,
115.0868, 75.9646

■ 15.0858, 14.9478,
5.5008

■ 142.6322,
145.8891, 100.3383

■ 8.9663, 8.7827,
2.4802

177.3388,
181.7486, 129.4365

■ 4.7762, 4.5997,
0.8296

217.2629,
223.0498, 163.6779

■ 2.1499, 2.0144,
0.0000

262.7699,

■ 0.7161, 0.6158,

270.1769, 203.4810

0.0000

314.2251,
323.5143, 249.2642

0.0000, 0.0000,
0.0000

48.6735, 49.1790,
27.0058

48.6735, 49.1790,
27.0058

45.7396, 45.3276,
19.8115

52.0170, 53.3663,
35.8265

43.1902, 41.7938,
14.1375

55.7858, 57.8933,
46.3646

41.0030, 38.5672,
9.8697

59.9995, 62.7724,
58.7080

39.1510, 35.6340,
6.8762

64.6750, 68.0131,
72.9375

37.6025, 32.9783,
4.9998

69.8282, 73.6247,
89.1291

■ 36.4443, 30.8499,
4.0338

■ 75.2154, 79.5120,
105.9908

■ 77.6637, 84.4087,
106.8069

■ 80.2292, 89.5397,
107.6621

■ 82.1288, 93.3389,
108.2953

Harmonies

Analogous

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



54.5084, 49.1790, 31.7713



48.6735, 49.1790, 27.0058



42.7878, 49.1790, 28.0738

Triad

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



48.6735, 49.1790, 27.0058



36.7004, 49.1790, 66.0783



56.2858, 49.1790, 77.5530

Complementary

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



48.6735, 49.1790, 27.0058



34.0669, 35.3092, 69.9854

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.



50.9351, 49.1790, 91.0705



48.6735, 49.1790, 27.0058



39.7529, 49.1790, 83.5185

Square

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



48.6735, 49.1790, 27.0058



36.2081, 49.1790, 48.2767



44.8646, 49.1790, 93.4617



59.1459, 49.1790, 59.1888

Rectangle

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



48.6735, 49.1790, 27.0058



39.5994, 49.1790, 32.0626



44.8646, 49.1790, 93.4617



54.6982, 49.1790, 82.9666

Sweetspot

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



48.6747, 49.1813, 27.0068



86.7899, 90.7456, 83.7471



42.4836, 32.4082, 38.4794



18.3970, 19.2177, 17.3919



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.



48.6747, 49.1813, 27.0068



67.3126, 66.9529, 30.5121



54.1467, 63.9237, 29.5640



13.0440, 13.6621, 13.1103



21.6793, 18.4758, 2.4236



1.3872, 1.2736, 0.1727

Inverse Universe

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



34.0669, 35.3092, 69.9854



43.4199, 44.2823, 100.8666



30.1216, 25.3631, 68.2735



12.1392, 12.8017, 15.7687



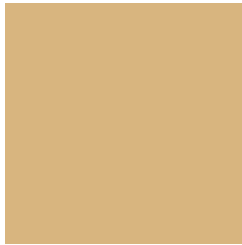
9.3542, 6.9701, 39.3055



0.6436, 0.5793, 2.3972

Previews

White Background



This preview shows how the XYZ color 48.6735, 49.1790, 27.0058 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 48.6735, 49.1790, 27.0058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

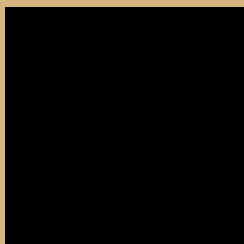
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.6735, 49.1790, 27.0058

Background



This preview shows how black text looks on a background with the XYZ color 48.6735, 49.1790, 27.0058.



This preview shows how white text looks on a background with the XYZ color 48.6735, 49.1790,

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

48.6735, 49.1790, 27.0058

Protanopia

45.6087, 49.1203, 27.8462

Deuteranopia

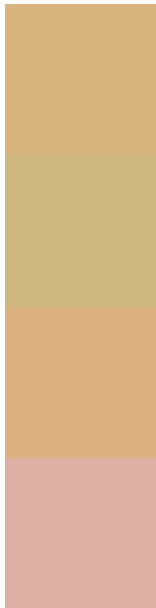
50.2481, 49.0873, 27.2485



Tritanopia

54.0374, 49.0046, 53.6245

Trichromacy



Original Color

48.6735, 49.1790, 27.0058

Protanomaly

46.4904, 48.9613, 27.4222

Deuteranomaly

49.5316, 49.0144, 27.2722

Tritanomaly

51.8321, 48.9829, 42.3201

Monochromacy



Original Color

48.6735, 49.1790, 27.0058

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.6063, 48.6971, 42.0650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6735, 49.1790, 27.0058 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(216, 181, 127)` looks like.

```
.text, #text, p{  
    color:rgb(216, 181, 127)  
}
```

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(216, 181, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 181, 127) }
```

Border

The CSS property to change the border of an element to XYZ 48.6735, 49.1790, 27.0058 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(216, 181, 127) }
```


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

```
.border{ border-color:rgb(216, 181, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 181, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 181, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 181, 127);  
box-shadow:4px 4px 4px 4px rgb(216, 181,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6735, 49.1790, 27.0058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 181, 127) }
```

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

```
.background{ background-color: rgb(216,  
181, 127) }
```

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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