

Converting Colors

XYZ(48.3558, 49.3106, 27.3913)

Have a look what the booklet for
XYZ(48.3558, 49.3106, 27.3913)
contains.

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Color

**XYZ(48.3558, 49.3106,
27.3913)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B680
RGB	214, 182, 128
RGB Percent	84%, 71%, 50%
CMY	0.1608, 0.2863, 0.4980
CMYK	0.00, 0.15, 0.40, 0.16
HSL	38°, 51%, 67%
HSV	38°, 40%, 84%
XYZ	48.3558, 49.3106, 27.3913
YIQ	185.4120, 36.4060, -10.0100

Conversions

Conversions Part 2

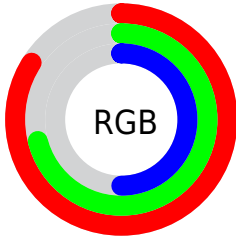
Format	Color
R_{YB}	179, 214, 128
Decimal	14071424
CIE _{Lab}	75.64, 4.14, 31.75
CIE _{LCh}	76, 32.021, 82.579
Yxy	49.3106, 0.3867, 0.3943
Android (android.graphics.Color)	4292261504 (0xFFD6B680)
YUV	185.4120, -28.3041, 25.0717
Hunter-Lab	70.2215, 0.0307, 26.0278

Details

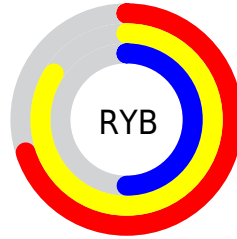
The XYZ color **48.3558, 49.3106, 27.3913** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **33.6100, 34.5846, 68.5223**, and the grayscale version is **46.4833, 48.9041, 53.2565**.

A 20% lighter version of the original color is **80.1550, 85.7453, 56.0419**, and **23.3260, 23.5197, 10.5181** is the 20% darker color. If you saturate the color by 10%, you get **45.5090, 45.6385, 20.2108**, and if you desaturate by 10%, it is **51.5948, 53.2916, 36.1692**.

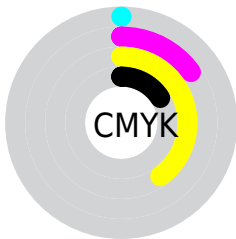
Distribution



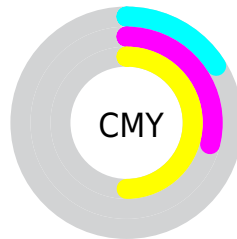
- Red (84%)
- Green (71%)
- Blue (50%)



- Red (70%)
- Yellow (84%)
- Blue (50%)



- Cyan (0%)
- Magenta (15%)
- Yellow (40%)
- Black (16%)




- Cyan (16%)
- Magenta (29%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3558, 49.3106, 27.3913 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 48.3558, 49.3106, 27.3913 by changing the saturation by 10% instead.


 48.3558, 49.3106,
27.3913


 48.3558, 49.3106,
27.3913


370.7599,
383.9638, 303.3667


 34.3212, 34.8659,
17.6323


 86.9404, 89.1526,
56.5225

 23.3045, 23.5596,
10.5196

 112.2211,
115.3187, 76.7318

 14.9404, 15.0073,
5.6347


 141.9812,
146.1607, 101.2615

 8.8636, 8.8245,
2.5591

176.5860,
182.0631, 130.5303

 4.7087, 4.6269,
0.8712

216.4009,
223.4102, 164.9567

 2.1104, 2.0300,
0.0000

261.7913,

 0.6949, 0.6248,

270.5864, 204.9592

0.0000

313.1225,
323.9762, 250.9563

■ 0.0000, 0.0000,
0.0000

■ 48.3558, 49.3106,
27.3913

■ 48.3558, 49.3106,
27.3913

■ 45.5090, 45.6385,
20.2108

■ 51.5948, 53.2916,
36.1692

■ 43.0305, 42.2577,
14.5250

■ 55.2411, 57.5844,
46.6324

■ 40.8988, 39.1591,
10.2238


■ 59.3132, 62.2006,
58.8662


■ 39.0885, 36.3299,
7.1805

■ 63.8274, 67.1490,
72.9489


■ 37.5694, 33.7553,
5.2448


■ 68.7989, 72.4378,
88.9543

 36.3099, 31.4529,
4.1573

 74.0157, 77.9845,
105.7592

 76.2793, 82.5117,
106.5138

 78.6454, 87.2440,
107.3025

 81.1153, 92.1837,
108.1257

Harmonies

Analogous

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



54.1409, 49.3106, 31.7154



48.3558, 49.3106, 27.3913



42.6268, 49.3106, 28.8390

Triad

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



48.3558, 49.3106, 27.3913



37.1123, 49.3106, 67.2245



56.5154, 49.3106, 76.0691

Complementary

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



48.3558, 49.3106, 27.3913



33.6100, 34.5846, 68.5223

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.



51.3821, 49.3106, 89.8223



48.3558, 49.3106, 27.3913



40.2779, 49.3106, 84.0110

Square

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



48.3558, 49.3106, 27.3913



36.4503, 49.3106, 49.5843



45.4115, 49.3106, 92.9997



59.1032, 49.3106, 58.0181

Rectangle

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



48.3558, 49.3106, 27.3913



39.5718, 49.3106, 33.0635



45.4115, 49.3106, 92.9997



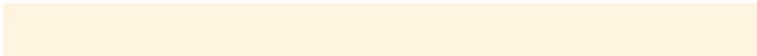
55.0106, 49.3106, 81.4916

Sweetspot

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



48.3570, 49.3129, 27.3923



86.9841, 91.1339, 83.8118



41.8811, 32.3070, 37.7318



18.4428, 19.3092, 17.4072



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.



48.3570, 49.3129, 27.3923



68.3603, 68.7709, 31.7168



52.8357, 62.4843, 29.6986



13.0665, 13.7072, 13.1178



22.0497, 19.2166, 2.5470



1.4080, 1.3153, 0.1797

Inverse Universe

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



33.6100, 34.5846, 68.5223



43.6075, 44.0694, 100.8156



30.3440, 25.7001, 66.9796



12.1173, 12.7580, 15.7614



9.1452, 6.5521, 39.2358



0.6297, 0.5514, 2.3925

Previews

White Background



This preview shows how the XYZ color 48.3558, 49.3106, 27.3913 looks on a white background.

Color Contrast Check

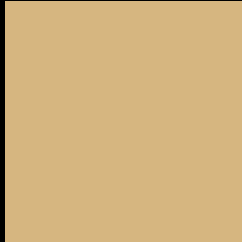
Large Text (above 18pt) WCAG AA × Fail

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 48.3558, 49.3106, 27.3913 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 48.3558, 49.3106, 27.3913

Background



This preview shows how black text looks on a background with the XYZ color 48.3558, 49.3106, 27.3913.



This preview shows how white text looks on a background with the XYZ color 48.3558, 49.3106,

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

48.3558, 49.3106, 27.3913

Protanopia

45.6756, 49.1470, 28.1981

Deuteranopia

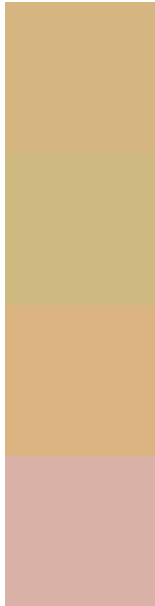
50.5140, 49.5132, 27.6635



Tritanopia

53.7284, 49.1186, 54.2260

Trichromacy



Original Color

48.3558, 49.3106, 27.3913

Protanomaly

46.7650, 49.4047, 27.8402

Deuteranomaly

49.7989, 49.4431, 27.6877

Tritanomaly

51.5185, 49.1029, 42.8389

Monochromacy



Original Color

48.3558, 49.3106, 27.3913

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 48.3558, 49.3106, 27.3913 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(214, 182, 128)` looks like.

```
.text, #text, p{  
    color:rgb(214, 182, 128)  
}
```

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(214, 182, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 182, 128) }
```

Border

The CSS property to change the border of an element to XYZ 48.3558, 49.3106, 27.3913 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(214, 182, 128) }
```


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

```
.border{ border-color:rgb(214, 182, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 182, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 182, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 182, 128);  
box-shadow:4px 4px 4px 4px rgb(214, 182,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3558, 49.3106, 27.3913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 182, 128) }
```

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

```
.background{ background-color: rgb(214,  
182, 128) }
```

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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