

Converting Colors

XYZ(49.8611, 48.4150, 49.0027)

Have a look what the booklet for
XYZ(49.8611, 48.4150, 49.0027)
contains.

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Color

**XYZ(49.6884, 48.3205,
48.8274)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB2B2
RGB	207, 178, 178
RGB Percent	81%, 70%, 70%
CMY	0.1882, 0.3019, 0.3020
CMYK	0.00, 0.14, 0.14, 0.19
HSL	0°, 23%, 75%
HSV	0°, 14%, 81%
XYZ	49.6884, 48.3205, 48.8274
YIQ	186.6710, 17.2840, 6.1480

Conversions

Conversions Part 2

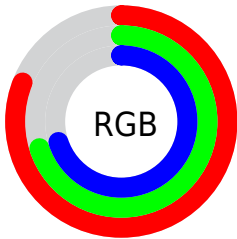
Format	Color
R _Y B	207, 178, 178
Decimal	13611698
CIE Lab	75.03, 10.43, 3.86
CIE LCh	75, 11.122, 20.297
Yxy	48.3205, 0.3384, 0.3291
Android (android.graphics.Color)	4291801778 (0xFFCFB2B2)
YUV	186.6710, -4.2748, 17.8285
Hunter-Lab	69.5129, 5.9455, 7.0125

Details

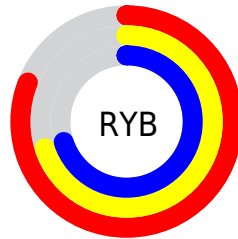
The XYZ color **49.6884, 48.3205, 48.8274** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.9351, 58.5945, 67.6046**, and the grayscale version is **47.0663, 49.5174, 53.9245**.

A 20% lighter version of the original color is **85.5141, 86.0462, 89.9434**, and **23.9842, 22.8233, 22.5433** is the 20% darker color. If you saturate the color by 10%, you get **43.9530, 39.9282, 37.4236**, and if you desaturate by 10%, it is **56.3615, 58.0852, 62.0922**.

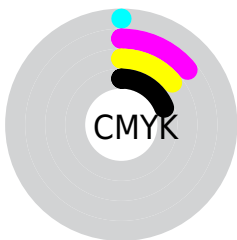
Distribution



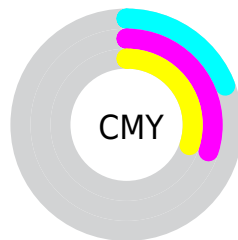
- Red (81%)
- Green (70%)
- Blue (70%)



- Red (81%)
- Yellow (70%)
- Blue (70%)



- Cyan (0%)
- Magenta (14%)
- Yellow (14%)
- Black (19%)





- Cyan (19%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.6884, 48.3205, 48.8274 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 49.6884, 48.3205, 48.8274 by changing the saturation by 10% instead.


 49.6884, 48.3205,
48.8274

 49.6884, 48.3205,
48.8274


375.9183,
380.0611, 398.6654

 35.3827, 34.0808,
34.1179


 88.9076, 87.6814,
89.8134

 24.1257, 22.9557,
22.7061


114.5518,
113.5714, 116.9270

 15.5521, 14.5608,
14.1734


144.7062,
144.1135, 149.0124

 9.2966, 8.5117,
8.1012

179.7361,
179.6923, 186.4882

 4.9938, 4.4241,
4.0711

220.0069,
220.6920, 229.7728

 2.2784, 1.9135,
1.6644

265.8840,

 0.7836, 0.5565,

267.4971, 279.2848

0.3362

317.7327,
320.4920, 335.4428

■ 0.0000, 0.0000,
0.0000

■ 49.6884, 48.3205,
48.8274

■ 49.6884, 48.3205,
48.8274

■ 43.9530, 39.9282,
37.4236

■ 56.3615, 58.0852,
62.0922

■ 39.1095, 32.8408,
27.7948

■ 64.0074, 69.2731,
77.2927

■ 35.1143, 26.9948,
19.8526

■ 72.6644, 81.9404,
94.5034

■ 31.9187, 22.3186,
13.5000

■ 79.5424, 92.0055,
108.1743

■ 29.4688, 18.7336,
8.6302

■ 27.7043, 16.1516,
5.1229

■ 26.5556, 14.4704,
2.8397

■ 25.9379, 13.5664,
1.6123

■ 25.7326, 13.2661,
1.2043

Harmonies

Analogous

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



49.8854, 48.3205, 54.5205



49.6884, 48.3205, 48.8274



48.4675, 48.3205, 44.4680

Triad

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



49.6884, 48.3205, 48.8274



42.9875, 48.3205, 45.7864



45.2721, 48.3205, 64.4259

Complementary

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



49.6884, 48.3205, 48.8274



51.9351, 58.5945, 67.6046

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.



43.4773, 48.3205, 61.6959



49.6884, 48.3205, 48.8274



42.1841, 48.3205, 50.7502

Square

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



49.6884, 48.3205, 48.8274



44.5857, 48.3205, 42.8041



42.3607, 48.3205, 56.5890



47.2953, 48.3205, 63.8160

Rectangle

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



49.6884, 48.3205, 48.8274



47.2565, 48.3205, 42.7695



42.3607, 48.3205, 56.5890



44.6230, 48.3205, 63.8611

Sweetspot

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



49.6897, 48.3227, 48.8284



90.2832, 93.0250, 99.4234



52.9156, 49.6118, 65.8191



19.1386, 19.6394, 20.9114



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.



49.6897, 48.3227, 48.8284



76.5370, 72.9107, 72.0954



52.7282, 54.3996, 49.8412



11.8089, 11.8085, 12.2689



16.2126, 8.3583, 0.7588



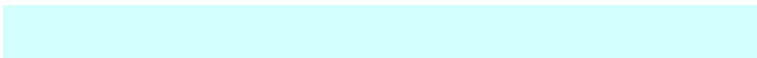
0.9065, 0.4674, 0.0424

Inverse Universe

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



51.9351, 58.5945, 67.6046



80.8589, 92.6816, 108.2354



48.5828, 51.8899, 66.4872



12.1583, 13.4069, 15.1906



21.1501, 30.9467, 42.0511



1.1826, 1.7304, 2.3512

Previews

White Background



This preview shows how the XYZ color 49.6884, 48.3205, 48.8274 looks on a white background.

Color Contrast Check

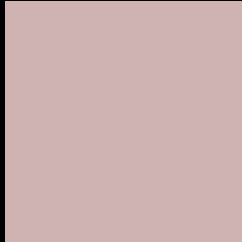
Large Text (above 18pt) WCAG AA × Fail

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 49.6884, 48.3205, 48.8274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

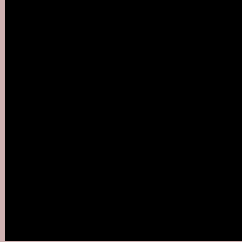
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.6884, 48.3205, 48.8274

Background



This preview shows how black text looks on a background with the XYZ color 49.6884, 48.3205, 48.8274.



This preview shows how white text looks on a background with the XYZ color 49.6884, 48.3205,

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

49.6884, 48.3205, 48.8274

Protanopia

46.4672, 48.4360, 50.6161

Deuteranopia

49.3328, 48.4337, 48.8680



Tritanopia

51.1141, 48.3237, 55.3486

Trichromacy



Original Color

49.6884, 48.3205, 48.8274

Protanomaly

47.7311, 48.4869, 50.0232

Deuteranomaly

49.6096, 48.5764, 48.8809

Tritanomaly

50.5975, 48.3993, 53.1296

Monochromacy



Original Color

49.6884, 48.3205, 48.8274

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.0404, 49.2110, 52.3141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6884, 48.3205, 48.8274 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(207, 178, 178)` looks like.

```
.text, #text, p{  
    color:rgb(207, 178, 178)  
}
```

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(207, 178, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 178, 178) }
```

Border

The CSS property to change the border of an element to XYZ 49.6884, 48.3205, 48.8274 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(207, 178, 178) }
```


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

```
.border{ border-color:rgb(207, 178, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 178, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 178, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 178, 178);  
box-shadow:4px 4px 4px 4px rgb(207, 178,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6884, 48.3205, 48.8274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 178, 178) }
```

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

```
.background{ background-color: rgb(207,  
178, 178) }
```

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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