

Converting Colors

XYZ(48.3612, 48.2977, 40.8649)

Have a look what the booklet for
XYZ(48.3612, 48.2977, 40.8649)
contains.

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Color

**XYZ(48.5750, 48.5165,
40.9869)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB4A2
RGB	207, 180, 162
RGB Percent	81%, 71%, 64%
CMY	0.1882, 0.2941, 0.3647
CMYK	0.00, 0.13, 0.22, 0.19
HSL	24°, 32%, 72%
HSV	24°, 22%, 81%
XYZ	48.5750, 48.5165, 40.9869
YIQ	186.0210, 21.8700, 0.1260

Conversions

Conversions Part 2

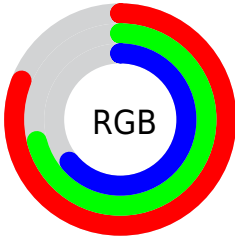
Format	Color
R_{YB}	207, 192, 162
Decimal	13612194
CIE _{Lab}	75.15, 6.87, 12.75
CIE _{LCh}	75, 14.480, 61.677
Yxy	48.5165, 0.3518, 0.3514
Android (android.graphics.Color)	4291802274 (0xFFCFB4A2)
YUV	186.0210, -11.8424, 18.3986
Hunter-Lab	69.6538, 2.5878, 13.8692

Details

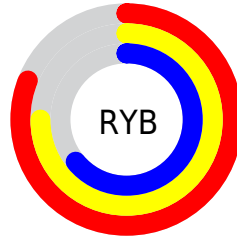
The XYZ color **48.5750, 48.5165, 40.9869** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.3602, 48.5806, 66.0709**, and the grayscale version is **46.7406, 49.1748, 53.5513**.

A 20% lighter version of the original color is **83.7598, 86.2607, 77.8810**, and **23.3527, 22.9799, 17.9566** is the 20% darker color. If you saturate the color by 10%, you get **44.4889, 43.0504, 31.2818**, and if you desaturate by 10%, it is **53.1912, 54.5574, 52.3642**.

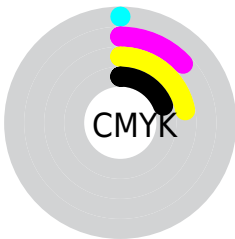
Distribution



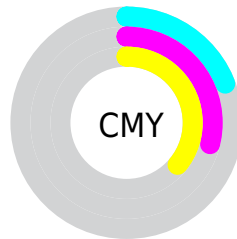
- Red (81%)
- Green (71%)
- Blue (64%)



- Red (81%)
- Yellow (75%)
- Blue (64%)



- Cyan (0%)
- Magenta (13%)
- Yellow (22%)
- Black (19%)





- Cyan (19%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5750, 48.5165, 40.9869 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 48.5750, 48.5165, 40.9869 by changing the saturation by 10% instead.


 48.5750, 48.5165,
40.9869


 48.5750, 48.5165,
40.9869


371.6116,
380.8358, 365.9409

 34.4956, 34.2361,
27.9892


 87.2644, 87.9729,
77.9175

 23.4393, 23.0750,
18.0786


 112.6052,
113.9177, 102.6874

 15.0407, 14.6489,
10.8364


142.4304,
144.5195, 132.2186

 8.9344, 8.5734,
5.8441

177.1055,
180.1625, 166.9294

 4.7552, 4.4640,
2.6833

216.9958,
221.2313, 207.2386

 2.1376, 1.9363,
0.9350

262.4667,

 0.7096, 0.5701,

268.1101, 253.5645

0.0000

313.8835,
321.1835, 306.3257

■ 0.0000, 0.0000,
0.0000

■ 48.5750, 48.5165,
40.9869

■ 48.5750, 48.5165,
40.9869

■ 44.4889, 43.0504,
31.2818

■ 53.1912, 54.5574,
52.3642

■ 40.9085, 38.1350,
23.1659

■ 58.3532, 61.1833,
65.4852

■ 37.8128, 33.7536,
16.5537

■ 64.0806, 68.4126,
80.4209

■ 35.1778, 29.8866,
11.3502

■ 70.3908, 76.2606,
97.2374

■ 32.9771, 26.5126,
7.4495

■ 75.5632, 84.0472,
106.8479

■ 31.1811, 23.6085,
4.7304

■ 79.3877, 91.6963,
108.1227

■ 29.7554, 21.1485,
3.0482

■ 79.5423, 92.0055,
108.1743

■ 28.8116, 19.4241,
2.2307

Harmonies

Analogous

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



50.5899, 48.5165, 45.5235



48.5750, 48.5165, 40.9869



45.9645, 48.5165, 39.5337

Triad

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



48.5750, 48.5165, 40.9869



41.2026, 48.5165, 53.2546



48.8430, 48.5165, 66.2525

Complementary

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



48.5750, 48.5165, 40.9869



44.3602, 48.5806, 66.0709

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.



46.2628, 48.5165, 68.8072



48.5750, 48.5165, 40.9869



41.9092, 48.5165, 60.8709

Square

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



48.5750, 48.5165, 40.9869



41.7694, 48.5165, 46.1969



43.7366, 48.5165, 66.7506



50.7488, 48.5165, 60.0612

Rectangle

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



48.5750, 48.5165, 40.9869



44.2558, 48.5165, 40.3857



43.7366, 48.5165, 66.7506



48.0224, 48.5165, 67.5903

Sweetspot

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



48.5763, 48.5187, 40.9879



88.9865, 92.2601, 93.3536



47.8383, 42.7809, 53.8809



18.9394, 19.6094, 19.7090



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.



48.5763, 48.5187, 40.9879



74.7507, 73.6369, 58.2471



53.4923, 58.3506, 42.6266



12.1914, 12.5734, 12.3964



18.2395, 12.4119, 1.4344



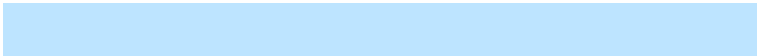
1.0966, 0.8475, 0.1058

Inverse Universe

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



44.3602, 48.5806, 66.0709



66.8360, 73.7487, 105.3200



39.8907, 39.6417, 64.5811



11.7450, 12.5803, 15.0529



11.7462, 12.1391, 38.9165



0.7333, 0.8318, 2.2015

Previews

White Background



This preview shows how the XYZ color 48.5750, 48.5165, 40.9869 looks on a white background.

Color Contrast Check

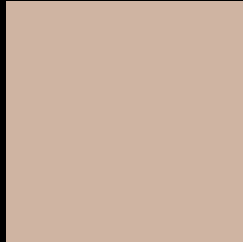
Large Text (above 18pt) WCAG AA × Fail

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 48.5750, 48.5165, 40.9869 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 48.5750, 48.5165, 40.9869

Background



This preview shows how black text looks on a background with the XYZ color 48.5750, 48.5165, 40.9869.



This preview shows how white text looks on a background with the XYZ color 48.5750, 48.5165,

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

48.5750, 48.5165, 40.9869

Protanopia

46.0421, 48.7157, 42.0984

Deuteranopia

49.3060, 48.2983, 40.9062



Tritanopia

51.3979, 48.4700, 55.3619

Trichromacy



Original Color

48.5750, 48.5165, 40.9869

Protanomaly

46.8330, 48.5171, 41.5467

Deuteranomaly

49.2200, 48.5505, 40.9594

Tritanomaly

50.2549, 48.2949, 49.8531

Monochromacy



Original Color

48.5750, 48.5165, 40.9869

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.3244, 48.9246, 48.5441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5750, 48.5165, 40.9869 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, 180, 162) looks like.

```
.text, #text, p{  
    color:rgb(207, 180, 162)  
}
```

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, 180, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 180, 162) }
```

Border

The CSS property to change the border of an element to XYZ 48.5750, 48.5165, 40.9869 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, 180, 162) }
```


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

```
.border{ border-color:rgb(207, 180, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 180, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 180, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 180, 162);  
box-shadow:4px 4px 4px 4px rgb(207, 180,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5750, 48.5165, 40.9869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 180, 162) }
```

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

```
.background{ background-color: rgb(207,  
180, 162) }
```

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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