

Converting Colors

XYZ(50.1840, 49.0604, 45.8897)

Have a look what the booklet for
XYZ(50.1840, 49.0604, 45.8897)
contains.

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Color

**XYZ(50.1448, 48.9204,
45.8294)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B3AC
RGB	210, 179, 172
RGB Percent	82%, 70%, 67%
CMY	0.1765, 0.2980, 0.3255
CMYK	0.00, 0.15, 0.18, 0.18
HSL	11°, 30%, 75%
HSV	11°, 18%, 82%
XYZ	50.1448, 48.9204, 45.8294
YIQ	187.4710, 20.7230, 4.3950

Conversions

Conversions Part 2

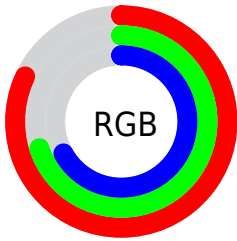
Format	Color
R _Y B	210, 181, 172
Decimal	13808556
CIE Lab	75.40, 10.04, 7.70
CIE LCh	75, 12.658, 37.492
Yxy	48.9204, 0.3461, 0.3376
Android (android.graphics.Color)	4291998636 (0xFFD2B3AC)
YUV	187.4710, -7.6272, 19.7579
Hunter-Lab	69.9431, 5.5728, 10.1111

Details

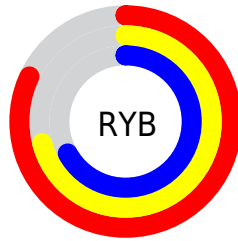
The XYZ color **50.1448, 48.9204, 45.8294** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.0016, 56.1342, 69.1727**, and the grayscale version is **47.5348, 50.0103, 54.4612**.

A 20% lighter version of the original color is **84.8135, 86.2227, 84.8455**, and **24.3686, 23.2463, 20.9719** is the 20% darker color. If you saturate the color by 10%, you get **45.0630, 41.7331, 34.9589**, and if you desaturate by 10%, it is **55.9746, 57.0926, 58.5227**.

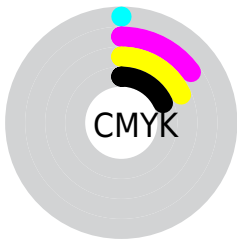
Distribution



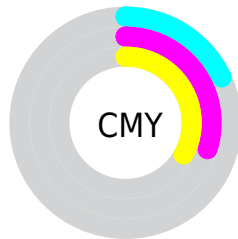
- Red (82%)
- Green (70%)
- Blue (67%)



- Red (82%)
- Yellow (71%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (18%)
- Black (18%)





- Cyan (18%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.1448, 48.9204, 45.8294 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 50.1448, 48.9204, 45.8294 by changing the saturation by 10% instead.


 50.1448, 48.9204,
45.8294

 50.1448, 48.9204,
45.8294


377.6746,
382.4289, 386.3800

 35.7467, 34.5563,
31.7635


 89.5799, 88.5732,
85.2952

 24.4079, 23.3213,
20.9176


115.3477,
114.6308, 111.5322

 15.7628, 14.8309,
12.8731


145.6361,
145.3549, 142.6634

 9.4463, 8.7008,
7.2115

180.8104,
181.1301, 179.1072

 5.0928, 4.5466,
3.5143

221.2361,
222.3407, 221.2822

 2.3371, 1.9838,
1.3629

267.2784,

 0.8136, 0.5980,

269.3711, 269.6070

0.1125

319.3028,
322.6057, 324.5001

■ 0.0000, 0.0000,
0.0000

■ 50.1448, 48.9204,
45.8294

■ 50.1448, 48.9204,
45.8294

■ 45.0630, 41.7331,
34.9589

■ 55.9746, 57.0926,
58.5227

■ 40.6945, 35.4868,
25.8243

■ 62.5770, 66.2782,
73.1141

■ 37.0082, 30.1445,
18.3363

■ 69.9805, 76.5128,
89.6785

■ 33.9687, 25.6637,
12.3960

■ 78.0493, 87.7634,
107.4341

■ 31.5375, 21.9987,
7.8943

■ 80.3885, 92.4417,
108.2139

■ 29.6719, 19.0995,
4.7076

■ 28.3230, 16.9101,
2.6909

■ 27.4273, 15.3643,
1.6349

■ 27.2944, 15.1335,
1.4825

Harmonies

Analogous

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



51.0839, 48.9204, 51.6099



50.1448, 48.9204, 45.8294



48.2342, 48.9204, 42.2664

Triad

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



50.1448, 48.9204, 45.8294



42.4787, 48.9204, 48.5020



47.0842, 48.9204, 67.0322

Complementary

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



50.1448, 48.9204, 45.8294



50.0016, 56.1342, 69.1727

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.



44.8027, 48.9204, 66.0254



50.1448, 48.9204, 45.8294



42.1939, 48.9204, 54.9572

Square

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



50.1448, 48.9204, 45.8294



43.8225, 48.9204, 43.7171



43.0312, 48.9204, 61.4665



49.2789, 48.9204, 64.1130

Rectangle

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



50.1448, 48.9204, 45.8294



46.6938, 48.9204, 41.4443



43.0312, 48.9204, 61.4665



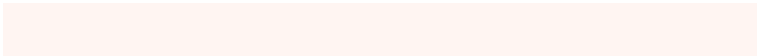
46.3015, 48.9204, 67.1457

Sweetspot

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



50.1461, 48.9226, 45.8304



89.8361, 92.7489, 97.3689



52.1148, 47.5207, 62.9468



19.0771, 19.6410, 20.5072



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.



50.1461, 48.9226, 45.8304



74.3966, 71.0978, 63.7741



54.2116, 57.0536, 47.1856



11.9825, 12.1557, 12.3268



16.7029, 9.3388, 0.9222



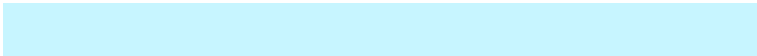
0.9881, 0.6306, 0.0696

Inverse Universe

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



50.0016, 56.1342, 69.1727



74.1262, 84.4476, 107.0009



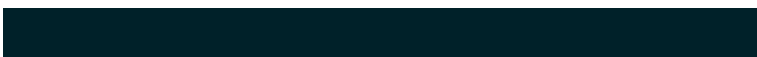
45.7941, 47.7192, 67.7702



11.9654, 13.0211, 15.1263



16.0813, 20.8092, 40.3615



0.9484, 1.2620, 2.2732

Previews

White Background



This preview shows how the XYZ color 50.1448, 48.9204, 45.8294 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 50.1448, 48.9204, 45.8294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

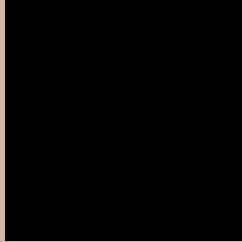
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.1448, 48.9204, 45.8294

Background



This preview shows how black text looks on a background with the XYZ color 50.1448, 48.9204, 45.8294.



This preview shows how white text looks on a background with the XYZ color 50.1448, 48.9204,

45.8294.

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

50.1448, 48.9204, 45.8294

Protanopia

46.8251, 48.9995, 47.5474

Deuteranopia

49.8610, 48.7741, 45.8161



Tritanopia

51.9710, 48.7654, 55.3887

Trichromacy



Original Color

50.1448, 48.9204, 45.8294

Protanomaly

48.1267, 49.0651, 46.9784

Deuteranomaly

49.8610, 48.7741, 45.8161

Tritanomaly

51.1334, 48.7121, 51.5071

Monochromacy



Original Color

50.1448, 48.9204, 45.8294

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.0897, 49.2605, 51.2296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1448, 48.9204, 45.8294 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(210, 179, 172)` looks like.

```
.text, #text, p{  
    color:rgb(210, 179, 172)  
}
```

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(210, 179, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 179, 172) }
```

Border

The CSS property to change the border of an element to XYZ 50.1448, 48.9204, 45.8294 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(210, 179, 172) }
```


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

```
.border{ border-color:rgb(210, 179, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 179, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 179, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 179, 172);  
box-shadow:4px 4px 4px 4px rgb(210, 179,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1448, 48.9204, 45.8294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 179, 172) }
```

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

```
.background{ background-color: rgb(210,  
179, 172) }
```

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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