

Converting Colors

XYZ(48.1408, 45.6291, 43.8870)

Have a look what the booklet for
XYZ(48.1408, 45.6291, 43.8870)
contains.

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Color

**XYZ(48.0188, 45.5457,
43.7964)**

Conversions

Conversions Part 1

Format	Color
Hex	D1ABA9
RGB	209, 171, 169
RGB Percent	82%, 67%, 66%
CMY	0.1804, 0.3294, 0.3373
CMYK	0.00, 0.18, 0.19, 0.18
HSL	3°, 30%, 74%
HSV	3°, 19%, 82%
XYZ	48.0188, 45.5457, 43.7964
YIQ	182.1340, 23.2900, 7.4340

Conversions

Conversions Part 2

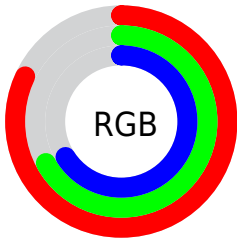
Format	Color
R _Y B	209, 171, 169
Decimal	13740969
CIE Lab	73.25, 13.53, 6.24
CIE LCh	73, 14.898, 24.778
Yxy	45.5457, 0.3496, 0.3316
Android (android.graphics.Color)	4291931049 (0xFFD1ABA9)
YUV	182.1340, -6.4751, 23.5615
Hunter-Lab	67.4876, 8.9032, 8.7647

Details

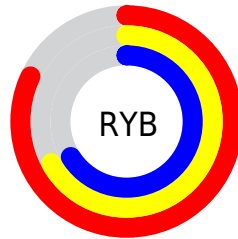
The XYZ color **48.0188, 45.5457, 43.7964** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.1831, 57.6625, 68.8069**, and the grayscale version is **44.5627, 46.8834, 51.0561**.

A 20% lighter version of the original color is **81.8909, 81.0345, 81.8461**, and **23.1341, 21.3480, 19.7309** is the 20% darker color. If you saturate the color by 10%, you get **42.7391, 37.8790, 33.1177**, and if you desaturate by 10%, it is **54.1780, 54.4685, 56.3166**.

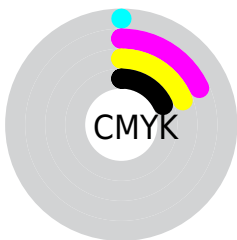
Distribution



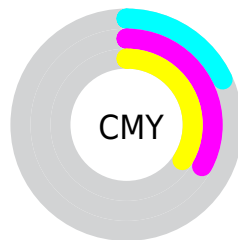
- Red (82%)
- Green (67%)
- Blue (66%)



- Red (82%)
- Yellow (67%)
- Blue (66%)



- Cyan (0%)
- Magenta (18%)
- Yellow (19%)
- Black (18%)





- Cyan (18%)
- Magenta (33%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0188, 45.5457, 43.7964 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 48.0188, 45.5457, 43.7964 by changing the saturation by 10% instead.


 48.0188, 45.5457,
43.7964

 48.0188, 45.5457,
43.7964


369.4480,
368.9792, 377.8938

 34.0531, 31.8875,
30.1745


 86.4419, 83.5387,
82.2105

 23.0975, 21.2756,
19.7179


111.6300,
108.6422, 107.8397

 14.7866, 13.3256,
12.0081


141.2897,
138.3297, 138.3085

 8.7551, 7.6531,
6.6266

175.7862,
172.9854, 174.0353

 4.6376, 3.8738,
3.1548

215.4849,
212.9938, 215.4387

 2.0688, 1.6032,
1.1742

260.7512,

 0.6722, 0.3598,

258.7394, 262.9372

0.0000

311.9505,
310.6063, 316.9494

■ 0.0000, 0.0000,
0.0000

■ 48.0188, 45.5457,
43.7964

■ 48.0188, 45.5457,
43.7964

■ 42.7391, 37.8790,
33.1177

■ 54.1780, 54.4685,
56.3166

■ 38.2951, 31.4061,
24.1910

■ 61.2501, 64.6936,
70.7563

■ 34.6451, 26.0688,
16.9237

■ 69.2717, 76.2726,
87.1927

■ 31.7423, 21.8017,
11.2132

■ 78.2761, 89.2524,
105.6977

■ 29.5350, 18.5325,
6.9460

■ 80.1046, 92.2954,
108.2006

■ 27.9648, 16.1802,
3.9929

■ 26.9637, 14.6509,
2.2017

■ 26.4382, 13.8267,
1.3271

■ 26.4083, 13.7828,
1.2685

Harmonies

Analogous

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



48.4941, 45.5457, 50.9142



48.0188, 45.5457, 43.7964



46.2559, 45.5457, 38.7306

Triad

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



48.0188, 45.5457, 43.7964



39.3097, 45.5457, 41.7391



42.8336, 45.5457, 65.3634

Complementary

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



48.0188, 45.5457, 43.7964



50.1831, 57.6625, 68.8069

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.



40.4533, 45.5457, 62.3138



48.0188, 45.5457, 43.7964



38.4718, 45.5457, 48.2919

Square

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



48.0188, 45.5457, 43.7964



41.2160, 45.5457, 37.6293



38.8820, 45.5457, 55.8766



45.4321, 45.5457, 63.8531

Rectangle

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



48.0188, 45.5457, 43.7964



44.6239, 45.5457, 36.9507



38.8820, 45.5457, 55.8766



41.9826, 45.5457, 64.8292

Sweetspot

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



48.0200, 45.5478, 43.7973



88.2213, 90.1287, 94.9514



51.7453, 46.4368, 65.2677



18.7308, 19.0712, 20.0131



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.



48.0200, 45.5478, 43.7973



71.7336, 66.2412, 61.4387



52.0871, 53.6819, 45.1530



11.8556, 11.9018, 12.2845



16.3039, 8.5408, 0.7892



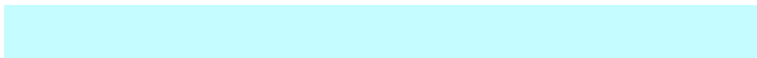
0.9287, 0.5117, 0.0498

Inverse Universe

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



50.1831, 57.6625, 68.8069



75.7358, 88.6622, 107.7296



45.6416, 48.5796, 67.2931



12.1055, 13.3013, 15.1730



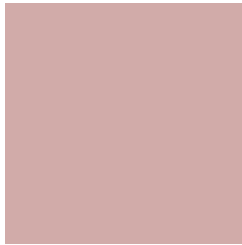
19.6438, 27.9342, 41.5490



1.1143, 1.5938, 2.3285

Previews

White Background



This preview shows how the XYZ color 48.0188, 45.5457, 43.7964 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 48.0188, 45.5457, 43.7964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

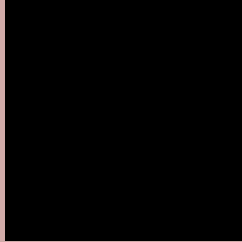
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0188, 45.5457, 43.7964

Background



This preview shows how black text looks on a background with the XYZ color 48.0188, 45.5457, 43.7964.



This preview shows how white text looks on a background with the XYZ color 48.0188, 45.5457,

43.7964.

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

48.0188, 45.5457, 43.7964

Protanopia

43.7677, 45.6105, 46.5413

Deuteranopia

46.5611, 45.6558, 43.4042



Tritanopia

49.4954, 45.6022, 50.4494

Trichromacy



Original Color

48.0188, 45.5457, 43.7964

Protanomaly

45.2199, 45.4986, 45.4285

Deuteranomaly

47.1883, 45.6934, 43.3784

Tritanomaly

48.8889, 45.6254, 47.8248

Monochromacy



Original Color

48.0188, 45.5457, 43.7964

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.5944, 46.2216, 48.1135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0188, 45.5457, 43.7964 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(209, 171, 169)` looks like.

```
.text, #text, p{  
    color:rgb(209, 171, 169)  
}
```

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(209, 171, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 171, 169) }
```

Border

The CSS property to change the border of an element to XYZ 48.0188, 45.5457, 43.7964 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(209, 171, 169) }
```


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

```
.border{ border-color:rgb(209, 171, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 171, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 171, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 171, 169);  
box-shadow:4px 4px 4px 4px rgb(209, 171,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0188, 45.5457, 43.7964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 171, 169) }
```

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

```
.background{ background-color: rgb(209,  
171, 169) }
```

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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