

Converting Colors

XYZ(49.5788, 48.6286, 45.8028)

Have a look what the booklet for
XYZ(49.5788, 48.6286, 45.8028)
contains.

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Color

**XYZ(49.5789, 48.6287,
45.8029)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B3AC
RGB	208, 179, 172
RGB Percent	82%, 70%, 67%
CMY	0.1843, 0.2980, 0.3255
CMYK	0.00, 0.14, 0.17, 0.18
HSL	12°, 28%, 75%
HSV	12°, 17%, 82%
XYZ	49.5789, 48.6287, 45.8029
YIQ	186.8730, 19.5310, 3.9710

Conversions

Conversions Part 2

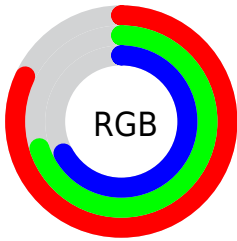
Format	Color
R _Y B	208, 181, 172
Decimal	13677484
CIE Lab	75.22, 9.30, 7.42
CIE LCh	75, 11.899, 38.575
Yxy	48.6287, 0.3443, 0.3377
Android (android.graphics.Color)	4291867564 (0xFFD0B3AC)
YUV	186.8730, -7.3324, 18.5284
Hunter-Lab	69.7343, 4.8729, 9.8711

Details

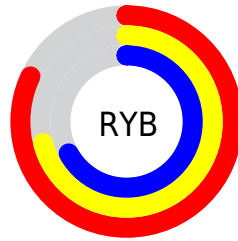
The XYZ color **49.5789, 48.6287, 45.8029** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.2846, 55.0965, 67.7119**, and the grayscale version is **47.1959, 49.6538, 54.0730**.

A 20% lighter version of the original color is **84.8135, 86.2227, 84.8455**, and **23.9879, 23.0501, 20.9541** is the 20% darker color. If you saturate the color by 10%, you get **44.5796, 41.5804, 35.0402**, and if you desaturate by 10%, it is **55.3015, 56.6223, 58.3505**.

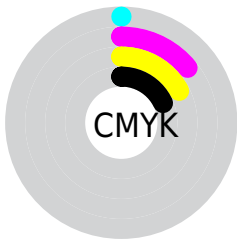
Distribution



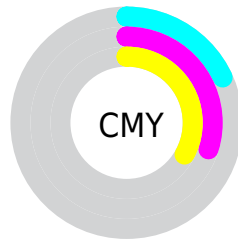
- Red (82%)
- Green (70%)
- Blue (67%)



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



- Cyan (0%)
- Magenta (14%)
- Yellow (17%)
- Black (18%)





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5789, 48.6287, 45.8029 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 49.5789, 48.6287, 45.8029 by changing the saturation by 10% instead.


 49.5789, 48.6287,
45.8029

 49.5789, 48.6287,
45.8029

375.4962,
381.2788, 386.2702

 35.2953, 34.3250,
31.7428

 88.7462, 88.1397,
85.2551

 24.0581, 23.1434,
20.9019

114.3607,
114.1159, 111.4843

 15.5017, 14.6994,
12.8618


144.4828,
144.7517, 142.6069

 9.2608, 8.6087,
7.2038

179.4780,
180.4315, 179.0415

 4.9702, 4.4869,
3.5095

219.7116,
221.5397, 221.2065

 2.2643, 1.9495,
1.3603

265.5489,

 0.7763, 0.5779,

268.4607, 269.5207

0.1105

317.3553,
321.5789, 324.4024

■ 0.0000, 0.0000,
0.0000

■ 49.5789, 48.6287,
45.8029

■ 49.5789, 48.6287,
45.8029

■ 44.5796, 41.5804,
35.0402

■ 55.3015, 56.6223,
58.3505

■ 40.2706, 35.4361,
25.9779

■ 61.7709, 65.5879,
72.7558

■ 36.6221, 30.1607,
18.5297

■ 69.0142, 75.5589,
89.0915

■ 33.6007, 25.7146,
12.5999

■ 77.0238, 86.5525,
107.2545

■ 31.1698, 22.0549,
8.0832

■ 79.8226, 92.1500,
108.1874

■ 29.2888, 19.1349,
4.8604

■ 27.9117, 16.9026,
2.7924

■ 26.9808, 15.2975,
1.6915

■ 26.7872, 14.9593,
1.4756

Harmonies

Analogous

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



50.4948, 48.6287, 51.1767



49.5789, 48.6287, 45.8029



47.7699, 48.6287, 42.5306

Triad

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



49.5789, 48.6287, 45.8029



42.4229, 48.6287, 48.6788



46.8486, 48.6287, 65.7428

Complementary

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



49.5789, 48.6287, 45.8029



49.2846, 55.0965, 67.7119

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.



44.7042, 48.6287, 64.9419



49.5789, 48.6287, 45.8029



42.1938, 48.6287, 54.7605

Square

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



49.5789, 48.6287, 45.8029



43.6527, 48.6287, 44.0979



43.0166, 48.6287, 60.8009



48.8863, 48.6287, 62.9103

Rectangle

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



49.5789, 48.6287, 45.8029



46.3246, 48.6287, 41.8203



43.0166, 48.6287, 60.8009



46.1158, 48.6287, 65.8938

Sweetspot

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



49.5802, 48.6309, 45.8039



89.8756, 92.8278, 97.3820



51.3551, 47.1514, 61.9002



19.0867, 19.6601, 20.5104



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.



49.5802, 48.6309, 45.8039



75.3463, 72.5196, 65.5628



53.3348, 56.1400, 47.0554



11.9923, 12.1753, 12.3300



16.7492, 9.4314, 0.9377



0.9927, 0.6396, 0.0711

Inverse Universe

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



49.2846, 55.0965, 67.7119



74.7844, 84.7517, 107.0249



45.4151, 47.3575, 66.4221



11.9548, 12.9999, 15.1228



15.8376, 20.3218, 40.2803



0.9368, 1.2388, 2.2693

Previews

White Background



This preview shows how the XYZ color 49.5789, 48.6287, 45.8029 looks on a white background.

Color Contrast Check

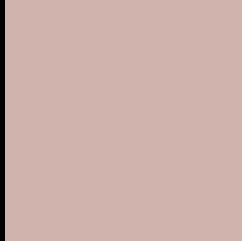
Large Text (above 18pt) WCAG AA × Fail

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 49.5789, 48.6287, 45.8029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

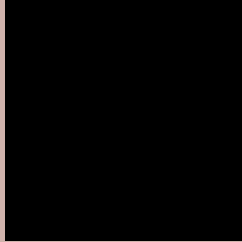
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.5789, 48.6287, 45.8029

Background



This preview shows how black text looks on a background with the XYZ color 49.5789, 48.6287, 45.8029.



This preview shows how white text looks on a background with the XYZ color 49.5789, 48.6287,

45.8029.

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

49.5789, 48.6287, 45.8029

Protanopia

46.5727, 48.8694, 47.5355

Deuteranopia

49.5789, 48.6287, 45.8029



Tritanopia

51.3979, 48.4700, 55.3619

Trichromacy



Original Color

49.5789, 48.6287, 45.8029

Protanomaly

47.5994, 48.7933, 46.9537

Deuteranomaly

49.5789, 48.6287, 45.8029

Tritanomaly

50.5639, 48.4185, 51.4804

Monochromacy



Original Color

49.5789, 48.6287, 45.8029

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 49.5789, 48.6287, 45.8029 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(208, 179, 172)` looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 179, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 179, 172) }
```

Border

The CSS property to change the border of an element to XYZ 49.5789, 48.6287, 45.8029 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(208, 179, 172) }
```


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

```
.border{ border-color:rgb(208, 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(208, 179, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 179, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 179, 172);  
box-shadow:4px 4px 4px 4px rgb(208, 179,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5789, 48.6287, 45.8029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 179, 172) }
```

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

```
.background{ background-color: rgb(208,  
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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