

Converting Colors

XYZ(48.4582, 45.8324, 53.8695)

Have a look what the booklet for
XYZ(48.4582, 45.8324, 53.8695)
contains.

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Color

**XYZ(48.4582, 45.8324,
53.8695)**

Conversions

Conversions Part 1

Format	Color
Hex	CBACBC
RGB	203, 172, 188
RGB Percent	80%, 67%, 74%
CMY	0.2039, 0.3255, 0.2627
CMYK	0.00, 0.15, 0.07, 0.20
HSL	329°, 23%, 74%
HSV	329°, 15%, 80%
XYZ	48.4582, 45.8324, 53.8695
YIQ	183.0930, 13.3400, 11.5480

Conversions

Conversions Part 2

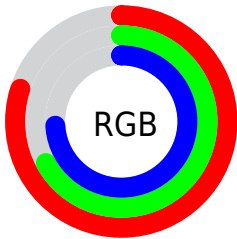
Format	Color
R_{YB}	203, 172, 188
Decimal	13348028
CIE _{Lab}	73.44, 13.93, -3.98
CIE _{LCh}	73, 14.490, 344.053
Yxy	45.8324, 0.3271, 0.3093
Android (android.graphics.Color)	4291538108 (0xFFCBACBC)
YUV	183.0930, 2.4192, 17.4584
Hunter-Lab	67.6996, 9.2928, 0.2119

Details

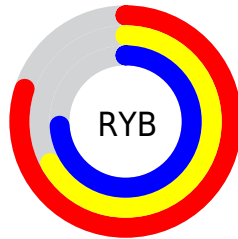
The XYZ color **48.4582, 45.8324, 53.8695** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.3406, 55.0715, 55.1510**, and the grayscale version is **45.0439, 47.3896, 51.6073**.

A 20% lighter version of the original color is **85.0382, 82.7298, 97.0744**, and **23.4841, 21.5718, 25.8477** is the 20% darker color. If you saturate the color by 10%, you get **43.8629, 38.2789, 47.2897**, and if you desaturate by 10%, it is **53.7184, 54.5991, 61.0277**.

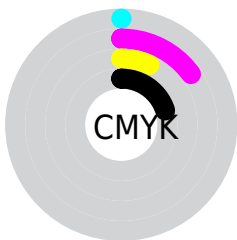
Distribution



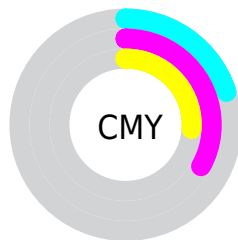
- Red (80%)
- Green (67%)
- Blue (74%)



- Red (80%)
- Yellow (67%)
- Blue (74%)



- Cyan (0%)
- Magenta (15%)
- Yellow (7%)
- Black (20%)





- Cyan (20%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4582, 45.8324, 53.8695 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 48.4582, 45.8324, 53.8695 by changing the saturation by 10% instead.


 48.4582, 45.8324,
53.8695

 48.4582, 45.8324,
53.8695


371.1579,
370.1344, 418.7727

 34.4026, 32.1136,
38.1049


 87.0918, 83.9681,
97.3371

 23.3674, 21.4483,
25.7616


112.4006,
109.1538, 125.8771

 14.9872, 13.4521,
16.4212


142.1911,
138.9306, 159.5127

 8.8967, 7.7406,
9.6651

176.8288,
173.6828, 198.6624

 4.7304, 3.9294,
5.0748

216.6789,
213.7949, 243.7447

 2.1231, 1.6341,
2.2317

262.1069,

 0.7017, 0.3805,

259.6513, 295.1781

0.6926

313.4781,
311.6363, 353.3813

■ 0.0000, 0.0000,
0.0000

■ 48.4582, 45.8324,
53.8695

■ 48.4582, 45.8324,
53.8695

■ 43.8629, 38.2789,
47.2897

■ 53.7184, 54.5991,
61.0277

■ 39.9005, 31.8785,
41.2691

■ 59.6658, 64.6235,
68.7769

■ 36.5420, 26.5753,
35.7911

■ 66.3268, 75.9551,
77.1331

■ 33.7546, 22.3060,
30.8375

■ 73.7249, 88.6392,
86.1107

■ 31.5023, 19.0010,
26.3885

■ 75.6924, 90.3380,
93.6599

■ 29.7446, 16.5819,
22.4225

■ 77.1686, 90.9285,
101.4334

■ 28.4346, 14.9579,
18.9155

■ 78.4388, 91.4366,
108.1226

■ 27.5156, 14.0181,
15.8401

■ 27.1665, 13.7117,
14.5160

Harmonies

Analogous

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



47.0679, 45.8324, 60.7125



48.4582, 45.8324, 53.8695



48.5033, 45.8324, 46.5650

Triad

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



48.4582, 45.8324, 53.8695



42.3804, 45.8324, 37.4629



40.1265, 45.8324, 60.3386

Complementary

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



48.4582, 45.8324, 53.8695



47.3406, 55.0715, 55.1510

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.



38.9688, 45.8324, 53.3982



48.4582, 45.8324, 53.8695



40.2353, 45.8324, 40.4605

Square

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



48.4582, 45.8324, 53.8695



44.9259, 45.8324, 37.5624



39.0078, 45.8324, 46.1375



42.2266, 45.8324, 64.6893

Rectangle

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



48.4582, 45.8324, 53.8695



47.7602, 45.8324, 42.4334



39.0078, 45.8324, 46.1375



39.6179, 45.8324, 58.2030

Sweetspot

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



48.4595, 45.8344, 53.8705



90.1390, 91.7421, 102.4407



46.0232, 44.3818, 62.6413



19.1508, 19.3975, 21.7366



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.



48.4595, 45.8344, 53.8705



78.7427, 72.7811, 86.8301



46.8789, 45.2022, 45.5469



11.4500, 11.3087, 12.9042



17.3348, 8.7445, 9.4814



0.9325, 0.4664, 0.6906

Inverse Universe

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



48.4595, 45.8344, 53.8705



78.7427, 72.7811, 86.8301



49.0886, 55.7707, 64.3558



11.4500, 11.3087, 12.9042



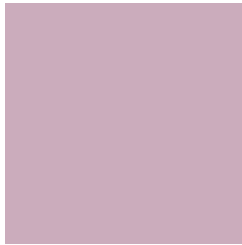
17.3348, 8.7445, 9.4814



0.9325, 0.4664, 0.6906

Previews

White Background



This preview shows how the XYZ color 48.4582, 45.8324, 53.8695 looks on a white background.

Color Contrast Check

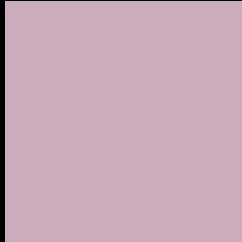
Large Text (above 18pt) WCAG AA × Fail

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 48.4582, 45.8324, 53.8695 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 48.4582, 45.8324, 53.8695

Background



This preview shows how black text looks on a background with the XYZ color 48.4582, 45.8324, 53.8695.



This preview shows how white text looks on a background with the XYZ color 48.4582, 45.8324,

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

48.4582, 45.8324, 53.8695

Protanopia

44.4569, 45.7493, 56.3565

Deuteranopia

46.8053, 45.8499, 53.3967



Tritanopia

48.2441, 45.7467, 52.7416

Trichromacy



Original Color

48.4582, 45.8324, 53.8695

Protanomaly

45.6683, 45.5036, 55.6663

Deuteranomaly

47.3944, 45.8657, 53.3687

Tritanomaly

48.3508, 45.7894, 53.3036

Monochromacy



Original Color

48.4582, 45.8324, 53.8695

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.1123, 46.6901, 52.4807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4582, 45.8324, 53.8695 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(203, 172, 188)` looks like.

```
.text, #text, p{  
    color:rgb(203, 172, 188)  
}
```

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(203, 172, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 172, 188) }
```

Border

The CSS property to change the border of an element to XYZ 48.4582, 45.8324, 53.8695 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(203, 172, 188) }
```


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

```
.border{ border-color:rgb(203, 172, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 172, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 172, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 172, 188);  
box-shadow:4px 4px 4px 4px rgb(203, 172,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4582, 45.8324, 53.8695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 172, 188) }
```

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

```
.background{ background-color: rgb(203,  
172, 188) }
```

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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