

Converting Colors

XYZ(48.2343, 45.5880, 59.6832)

Have a look what the booklet for
XYZ(48.2343, 45.5880, 59.6832)
contains.

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Color

**XYZ(48.2343, 45.5880,
59.6832)**

Conversions

Conversions Part 1

Format	Color
Hex	C6ACC6
RGB	198, 172, 198
RGB Percent	78%, 67%, 78%
CMY	0.2235, 0.3255, 0.2235
CMYK	0.00, 0.13, 0.00, 0.22
HSL	300°, 19%, 73%
HSV	300°, 13%, 78%
XYZ	48.2343, 45.5880, 59.6832
YIQ	182.7380, 7.1500, 13.5980

Conversions

Conversions Part 2

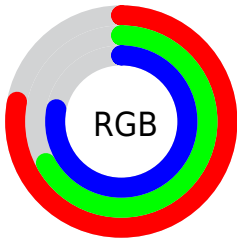
Format	Color
R _Y B	198, 172, 198
Decimal	13020358
CIE Lab	73.28, 14.00, -9.75
CIE LCh	73, 17.064, 325.143
Yxy	45.5880, 0.3142, 0.2970
Android (android.graphics.Color)	4291210438 (0xFFC6ACC6)
YUV	182.7380, 7.5242, 13.3848
Hunter-Lab	67.5189, 9.3592, -5.1461

Details

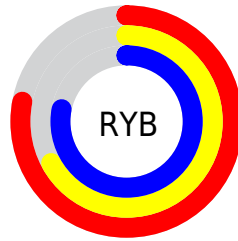
The XYZ color **48.2343, 45.5880, 59.6832** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.6555, 52.1388, 46.7424**, and the grayscale version is **44.8247, 47.1591, 51.3563**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **23.2521, 21.3759, 29.2860** is the 20% darker color. If you saturate the color by 10%, you get **44.7437, 38.6061, 58.5200**, and if you desaturate by 10%, it is **52.2891, 53.6968, 61.0355**.

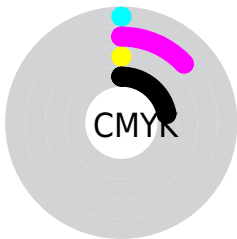
Distribution



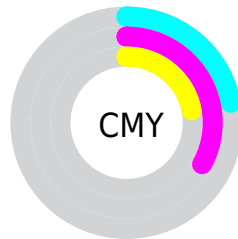
- Red (78%)
- Green (67%)
- Blue (78%)



- Red (78%)
- Yellow (67%)
- Blue (78%)



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



- Cyan (22%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2343, 45.5880, 59.6832 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 48.2343, 45.5880, 59.6832 by changing the saturation by 10% instead.

■ 48.2343, 45.5880,
59.6832

■ 48.2343, 45.5880,
59.6832

370.2872,
369.1498, 441.2012

■ 34.2245, 31.9208,
42.7397

■ 86.7607, 83.6021,
105.9088

■ 23.2298, 21.3010,
29.3511

112.0081,
108.7177, 136.0281

■ 14.8849, 13.3442,
19.0987

141.7320,
138.4184, 171.3763

■ 8.8245, 7.6660,
11.5641

176.2978,
173.0884, 212.3721

■ 4.6830, 3.8820,
6.3287

216.0709,
213.1121, 259.4339

■ 2.0954, 1.6078,
2.9739

261.4166,

■ 0.6867, 0.3628,

258.8740, 312.9803

1.0813

312.7002,
310.7584, 373.4299

■ 0.0000, 0.0000,
0.0000

■ 48.2343, 45.5880,
59.6832

■ 48.2343, 45.5880,
59.6832

■ 44.7437, 38.6061,
58.5200

■ 52.2891, 53.6968,
61.0355

■ 41.7884, 32.6956,
57.5347

■ 56.9272, 62.9729,
62.5818

■ 39.3432, 27.8053,
56.7194

■ 62.1718, 73.4620,
64.3302

■ 37.3793, 23.8775,
56.0645

■ 68.0437, 85.2059,
66.2877

■ 35.8648, 20.8487,
55.5595

■ 69.2425, 87.6033,
66.6875

■ 34.7644, 18.6479,
55.1925

■ 69.2425, 87.6034,
66.6878

■ 34.0371, 17.1934,
54.9498

■ 69.2426, 87.6034,
66.6880

■ 33.6337, 16.3866,
54.8152

■ 69.2426, 87.6034,
66.6882

■ 33.4819, 16.0831,
54.7644

■ 69.2427, 87.6034,
66.6884

Harmonies

Analogous

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



45.8256, 45.5880, 66.1319



48.2343, 45.5880, 59.6832



49.3311, 45.5880, 51.0486

Triad

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



48.2343, 45.5880, 59.6832



43.8199, 45.5880, 34.9384



38.3185, 45.5880, 56.9872

Complementary

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



48.2343, 45.5880, 59.6832



44.6555, 52.1388, 46.7424

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.



37.8365, 45.5880, 48.2528



48.2343, 45.5880, 59.6832



40.9268, 45.5880, 36.1428

Square

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



48.2343, 45.5880, 59.6832



46.7087, 45.5880, 37.2860



38.7700, 45.5880, 40.7876



40.1183, 45.5880, 64.4538

Rectangle

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



48.2343, 45.5880, 59.6832



49.1358, 45.5880, 45.4488



38.7700, 45.5880, 40.7876



38.0006, 45.5880, 54.0761

Sweetspot

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



48.2356, 45.5900, 59.6842



91.8819, 93.6639, 107.8438



41.9608, 42.3552, 59.3908



19.5431, 19.8010, 23.0419



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.



48.2356, 45.5900, 59.6842



83.3871, 76.6744, 105.0118



46.7998, 45.0156, 52.1229



11.0831, 10.8166, 13.4211



21.7738, 10.4591, 35.6141



1.0310, 0.4952, 1.6863

Inverse Universe

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



48.2356, 45.5900, 59.6842



83.3871, 76.6744, 105.0118



45.9659, 52.6629, 53.6429



11.0831, 10.8166, 13.4211



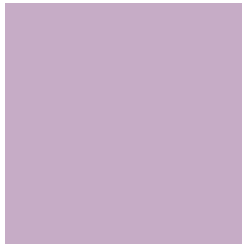
21.7738, 10.4591, 35.6141



1.0310, 0.4952, 1.6863

Previews

White Background



This preview shows how the XYZ color 48.2343, 45.5880, 59.6832 looks on a white background.

Color Contrast Check

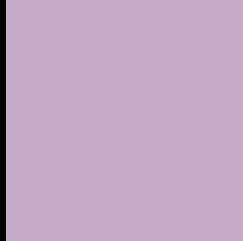
Large Text (above 18pt) WCAG AA × Fail

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 48.2343, 45.5880, 59.6832 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 48.2343, 45.5880, 59.6832

Background



This preview shows how black text looks on a background with the XYZ color 48.2343, 45.5880, 59.6832.



This preview shows how white text looks on a background with the XYZ color 48.2343, 45.5880,

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

48.2343, 45.5880, 59.6832

Protanopia

44.9122, 45.8516, 62.3602

Deuteranopia

46.6432, 45.6383, 59.1740



Tritanopia

46.8706, 45.5957, 53.3442

Trichromacy



Original Color

48.2343, 45.5880, 59.6832

Protanomaly

46.0755, 45.5820, 61.6281

Deuteranomaly

47.2064, 45.6408, 59.1448

Tritanomaly

47.3735, 45.5190, 55.5794

Monochromacy



Original Color

48.2343, 45.5880, 59.6832

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.9362, 46.5624, 54.1433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2343, 45.5880, 59.6832 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(198, 172, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 172, 198)  
}
```

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(198, 172, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 172, 198) }
```

Border

The CSS property to change the border of an element to XYZ 48.2343, 45.5880, 59.6832 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(198, 172, 198) }
```


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

```
.border{ border-color:rgb(198, 172, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 172, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 172, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 172, 198);  
box-shadow:4px 4px 4px 4px rgb(198, 172,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2343, 45.5880, 59.6832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 172, 198) }
```

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

```
.background{ background-color: rgb(198,  
172, 198) }
```

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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