

Converting Colors

XYZ(46.4591, 39.4519, 58.1464)

Have a look what the booklet for
XYZ(46.4591, 39.4519, 58.1464)
contains.

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Color

**XYZ(46.4831, 39.4668,
57.9913)**

Conversions

Conversions Part 1

Format	Color
Hex	CD98C5
RGB	205, 152, 197
RGB Percent	80%, 60%, 77%
CMY	0.1961, 0.4039, 0.2274
CMYK	0.00, 0.26, 0.04, 0.20
HSL	309°, 35%, 70%
HSV	309°, 26%, 80%
XYZ	46.4831, 39.4668, 57.9913
YIQ	172.9770, 17.1430, 25.2310

Conversions

Conversions Part 2

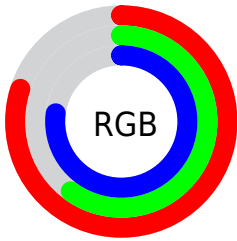
Format	Color
R_{YB}	205, 152, 197
Decimal	13473989
CIE Lab	69.09, 27.17, -15.41
CIE LCh	69, 31.241, 330.436
Yxy	39.4668, 0.3229, 0.2742
Android (android.graphics.Color)	4291664069 (0xFFCD98C5)
YUV	172.9770, 11.8433, 28.0842
Hunter-Lab	62.8226, 22.1344, -10.7545

Details

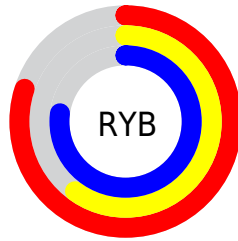
The XYZ color **46.4831, 39.4668, 57.9913** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.1269, 52.8773, 41.2986**, and the grayscale version is **39.6452, 41.7098, 45.4220**.

A 20% lighter version of the original color is **81.4422, 73.0414, 103.5719**, and **22.0928, 17.5815, 28.2158** is the 20% darker color. If you saturate the color by 10%, you get **43.0885, 33.2386, 55.1285**, and if you desaturate by 10%, it is **50.4624, 46.8515, 61.0858**.

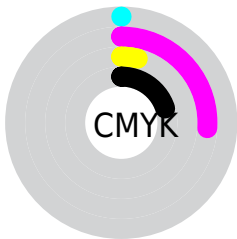
Distribution



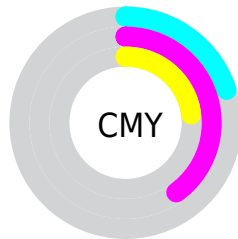
- Red (80%)
- Green (60%)
- Blue (77%)



- Red (80%)
- Yellow (60%)
- Blue (77%)



- Cyan (0%)
- Magenta (26%)
- Yellow (4%)
- Black (20%)




- Cyan (20%)
- Magenta (40%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.4831, 39.4668, 57.9913 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 46.4831, 39.4668, 57.9913 by changing the saturation by 10% instead.


 46.4831, 39.4668,
57.9913


 46.4831, 39.4668,
57.9913


363.4309,
343.8711, 434.7509

 32.8334, 27.1231,
41.3870

 84.1650, 74.3509,
103.4248

 22.1575, 17.6657,
28.2996


 108.9279, 97.6600,
133.0912

 14.0899, 10.7102,
18.3106


138.1260,
125.3931, 167.9486

 8.2654, 5.8723,
11.0015

172.1246,
157.9345, 208.4156

 4.3184, 2.7676,
5.9537

211.2890,
195.6686, 254.9108

 1.8838, 1.0116,
2.7486

255.9846,

 0.5674, 0.0000,

238.9798, 307.8527

0.9677

306.5768,
288.2525, 367.6599

■ 0.0000, 0.0000,
0.0000

■ 46.4831, 39.4668,
57.9913

■ 46.4831, 39.4668,
57.9913

■ 43.0885, 33.2386,
55.1285

■ 50.4624, 46.8515,
61.0858

■ 40.2453, 28.1024,
52.4849

■ 55.0504, 55.4423,
64.4188

■ 37.9226, 23.9956,
50.0502

■ 60.2738, 65.2923,
68.0000

■ 36.0847, 20.8470,
47.8123

■ 66.1571, 76.4501,
71.8377

■ 34.6914, 18.5762,
45.7578

■ 72.7231, 88.9614,
75.9397

■ 33.6961, 17.0900,
43.8707

■ 73.2761, 89.4349,
78.0743

■ 33.0406, 16.2724,
42.1316

■ 73.6790, 89.5960,
80.1961

■ 32.8225, 16.0374,
41.4382

■ 74.0895, 89.7602,
82.3577

■ 74.5076, 89.9275,
84.5594

Harmonies

Analogous

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



42.5807, 39.4668, 71.2554



46.4831, 39.4668, 57.9913



47.9375, 39.4668, 42.7640

Triad

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



46.4831, 39.4668, 57.9913



37.4391, 39.4668, 20.9507



29.8391, 39.4668, 58.4344

Complementary

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



46.4831, 39.4668, 57.9913



41.1269, 52.8773, 41.2986

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.



28.7195, 39.4668, 43.1819



46.4831, 39.4668, 57.9913



32.8624, 39.4668, 23.3822

Square

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



46.4831, 39.4668, 57.9913



42.4433, 39.4668, 23.2432



29.7765, 39.4668, 30.8005



32.9783, 39.4668, 71.5485

Rectangle

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



46.4831, 39.4668, 57.9913



47.2309, 39.4668, 34.0819



29.7765, 39.4668, 30.8005



29.2272, 39.4668, 53.2889

Sweetspot

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



46.4843, 39.4685, 57.9921



88.3920, 87.4711, 104.2543



36.7366, 34.3347, 62.4493



18.6679, 18.2505, 22.1341



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.



46.4843, 39.4685, 57.9921



72.9433, 58.7662, 92.3455



43.7143, 38.3606, 43.4056



11.6119, 11.3735, 13.7570



20.4611, 9.9950, 25.9446



1.0758, 0.5237, 1.4450

Inverse Universe

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



46.4843, 39.4685, 57.9921



72.9433, 58.7662, 92.3455



43.6925, 53.9035, 54.8085



11.6119, 11.3735, 13.7570



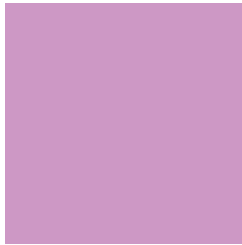
20.4611, 9.9950, 25.9446



1.0758, 0.5237, 1.4450

Previews

White Background



This preview shows how the XYZ color 46.4831, 39.4668, 57.9913 looks on a white background.

Color Contrast Check

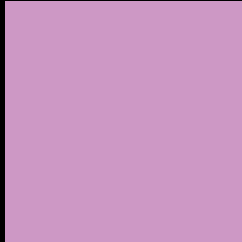
Large Text (above 18pt) WCAG AA × Fail

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 46.4831, 39.4668, 57.9913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

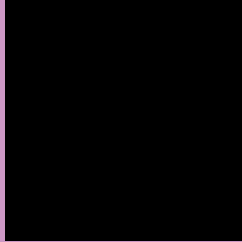
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.4831, 39.4668, 57.9913

Background



This preview shows how black text looks on a background with the XYZ color 46.4831, 39.4668, 57.9913.



This preview shows how white text looks on a background with the XYZ color 46.4831, 39.4668,

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

46.4831, 39.4668, 57.9913

Protanopia

39.5784, 39.6160, 64.5921

Deuteranopia

40.5390, 39.7346, 57.1627



Tritanopia

43.3058, 39.3960, 42.8578

Trichromacy



Original Color

46.4831, 39.4668, 57.9913

Protanomaly

41.6043, 39.3826, 61.9087

Deuteranomaly

42.5422, 39.4414, 57.5953

Tritanomaly

44.2151, 39.2539, 47.8942

Monochromacy



Original Color

46.4831, 39.4668, 57.9913

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.9062, 40.6020, 49.8842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4831, 39.4668, 57.9913 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(205, 152, 197)` looks like.

```
.text, #text, p{  
    color:rgb(205, 152, 197)  
}
```

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(205, 152, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 152, 197) }
```

Border

The CSS property to change the border of an element to XYZ 46.4831, 39.4668, 57.9913 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(205, 152, 197) }
```


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

```
.border{ border-color:rgb(205, 152, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 152, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 152, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 152, 197);  
box-shadow:4px 4px 4px 4px rgb(205, 152,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4831, 39.4668, 57.9913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 152, 197) }
```

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

```
.background{ background-color: rgb(205,  
152, 197) }
```

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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