

Converting Colors

XYZ(46.7572, 42.6339, 59.1909)

Have a look what the booklet for
XYZ(46.7572, 42.6339, 59.1909)
contains.

XYZ(46.7572, 42.6339, 59.1909)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(46.7572, 42.6339,
59.1909)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A4C6
RGB	198, 164, 198
RGB Percent	78%, 64%, 78%
CMY	0.2235, 0.3568, 0.2235
CMYK	0.00, 0.17, 0.00, 0.22
HSL	300°, 23%, 71%
HSV	300°, 17%, 78%
XYZ	46.7572, 42.6339, 59.1909
YIQ	178.0420, 9.3500, 17.7820

Conversions

Conversions Part 2

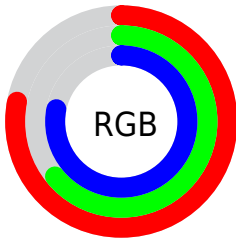
Format	Color
R_{YB}	198, 164, 198
Decimal	13018310
CIE _{Lab}	71.31, 18.39, -12.70
CIE _{LCh}	71, 22.348, 325.366
Yxy	42.6339, 0.3147, 0.2869
Android (android.graphics.Color)	4291208390 (0xFFC6A4C6)
YUV	178.0420, 9.8393, 17.5032
Hunter-Lab	65.2946, 13.5574, -8.0413

Details

The XYZ color **46.7572, 42.6339, 59.1909** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.2064, 50.9623, 42.7364**, and the grayscale version is **42.2863, 44.4885, 48.4480**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **22.3298, 19.5312, 28.9786** is the 20% darker color. If you saturate the color by 10%, you get **43.4864, 36.0917, 58.1011**, and if you desaturate by 10%, it is **50.5822, 50.2831, 60.4664**.

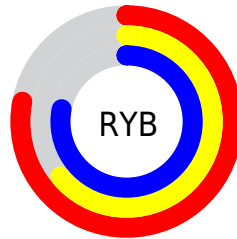
Distribution



Red (78%)

Green (64%)

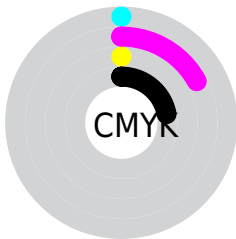
Blue (78%)



Red (78%)

Yellow (64%)

Blue (78%)

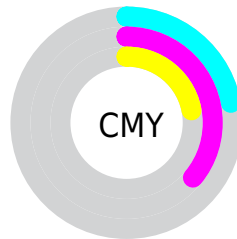


Cyan (0%)

Magenta (17%)

Yellow (0%)

Black (22%)



Cyan (22%)


Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.7572, 42.6339, 59.1909 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 46.7572, 42.6339, 59.1909 by changing the saturation by 10% instead.


 46.7572, 42.6339,
59.1909


 46.7572, 42.6339,
59.1909


364.5097,
357.1040, 439.3306

 33.0509, 29.5980,
42.3458


 84.5720, 79.1581,
105.1869

 22.3249, 19.5336,
29.0446


 109.4113,
103.4152, 135.1749

 14.2137, 12.0565,
18.8687


138.6922,
132.1814, 170.3809

 8.3522, 6.7822,
11.3996

172.7802,
165.8412, 211.2235

 4.3748, 3.3262,
6.2187

212.0406,
204.7790, 258.1213

 1.9163, 1.3043,
2.9076

256.8387,

 0.5863, 0.1446,

249.3791, 311.4926

1.0476

307.5399,
300.0260, 371.7562

■ 0.0000, 0.0000,
0.0000

■ 46.7572, 42.6339,
59.1909

■ 46.7572, 42.6339,
59.1909

■ 43.4864, 36.0917,
58.1011

■ 50.5822, 50.2831,
60.4664

■ 40.7406, 30.6000,
57.1857

■ 54.9813, 59.0813,
61.9329

■ 38.4935, 26.1059,
56.4366

■ 59.9782, 69.0752,
63.5986

■ 36.7152, 22.5494,
55.8438

■ 65.5943, 80.3072,
65.4707

■ 35.3727, 19.8642,
55.3962

■ 69.2423, 87.6032,
66.6867

■ 34.4283, 17.9755,
55.0814

■ 69.2423, 87.6032,
66.6868

■ 33.8384, 16.7958,
54.8847

■ 69.2423, 87.6032,
66.6869

■ 33.5429, 16.2048,
54.7861

■ 69.2423, 87.6033,
66.6870

■ 33.4821, 16.0832,
54.7658

■ 69.2423, 87.6033,
66.6870

Harmonies

Analogous

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



43.6943, 42.6339, 67.7214



46.7572, 42.6339, 59.1909



48.1522, 42.6339, 48.1116

Triad

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



46.7572, 42.6339, 59.1909



41.1083, 42.6339, 28.7123



34.3428, 42.6339, 55.8537

Complementary

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



46.7572, 42.6339, 59.1909



42.2064, 50.9623, 42.7364

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.



33.7441, 42.6339, 44.7706



46.7572, 42.6339, 59.1909



37.5075, 42.6339, 30.1331

Square

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



46.7572, 42.6339, 59.1909



44.7652, 42.6339, 31.4028



34.8678, 42.6339, 35.6342



36.5562, 42.6339, 65.5954

Rectangle

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



46.7572, 42.6339, 59.1909



47.8896, 42.6339, 41.1551



34.8678, 42.6339, 35.6342



33.9521, 42.6339, 52.1181

Sweetspot

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



46.7585, 42.6358, 59.1918



91.1166, 92.1332, 107.5888



38.7802, 38.5228, 58.8186



19.3889, 19.4928, 22.9905



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.



46.7585, 42.6358, 59.1918



80.2817, 70.4634, 103.9770



44.9061, 41.8948, 49.4373



11.0832, 10.8166, 13.4212



21.7740, 10.4591, 35.6151



1.0310, 0.4952, 1.6864

Inverse Universe

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



46.7585, 42.6358, 59.1918



80.2817, 70.4634, 103.9770



43.8459, 51.6181, 51.3700



11.0832, 10.8166, 13.4212



21.7740, 10.4591, 35.6151



1.0310, 0.4952, 1.6864

Previews

White Background



This preview shows how the XYZ color 46.7572, 42.6339, 59.1909 looks on a white background.

Color Contrast Check

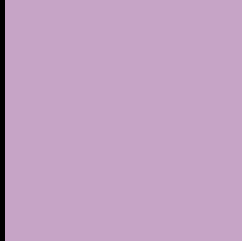
Large Text (above 18pt) WCAG AA × Fail

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 46.7572, 42.6339, 59.1909 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 46.7572, 42.6339, 59.1909

Background



This preview shows how black text looks on a background with the XYZ color 46.7572, 42.6339, 59.1909.



This preview shows how white text looks on a background with the XYZ color 46.7572, 42.6339,

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

46.7572, 42.6339, 59.1909

Protanopia

42.2048, 42.6818, 63.1407

Deuteranopia

43.5088, 42.6044, 58.7536



Tritanopia

44.5626, 42.5348, 49.0414

Trichromacy



Original Color

46.7572, 42.6339, 59.1909

Protanomaly

43.8578, 42.7170, 61.8108

Deuteranomaly

44.5742, 42.6013, 58.6969

Tritanomaly

45.3708, 42.5961, 52.8443

Monochromacy



Original Color

46.7572, 42.6339, 59.1909

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.7081, 43.7042, 52.0310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7572, 42.6339, 59.1909 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, 164, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 164, 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, 164, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 164, 198) }
```

Border

The CSS property to change the border of an element to XYZ 46.7572, 42.6339, 59.1909 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, 164, 198) }
```


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

```
.border{ border-color:rgb(198, 164, 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, 164, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 164, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 164, 198);  
box-shadow:4px 4px 4px 4px rgb(198, 164,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7572, 42.6339, 59.1909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 164, 198) }
```

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

```
.background{ background-color: rgb(198,  
164, 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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