

Converting Colors

XYZ(46.5517, 46.1701, 59.9067)

Have a look what the booklet for
XYZ(46.5517, 46.1701, 59.9067)
contains.

XYZ(46.6542, 46.2129, 59.8871)	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(46.6542, 46.2129,
59.8871)**

Conversions

Conversions Part 1

Format	Color
Hex	BCB1C6
RGB	188, 177, 198
RGB Percent	74%, 69%, 78%
CMY	0.2627, 0.3059, 0.2235
CMYK	0.05, 0.11, 0.00, 0.22
HSL	271°, 16%, 74%
HSV	271°, 11%, 78%
XYZ	46.6542, 46.2129, 59.8871
YIQ	182.6830, -0.1850, 8.8630

Conversions

Conversions Part 2

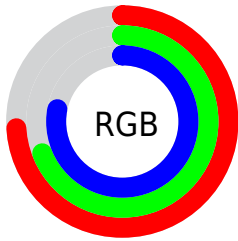
Format	Color
R _{YB}	188, 177, 198
Decimal	12366278
CIE Lab	73.68, 7.85, -9.24
CIE LCh	74, 12.123, 310.350
Yxy	46.2129, 0.3054, 0.3025
Android (android.graphics.Color)	4290556358 (0xFFBCB1C6)
YUV	182.6830, 7.5513, 4.6630
Hunter-Lab	67.9801, 3.5381, -4.6455

Details

The XYZ color **46.6542, 46.2129, 59.8871** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.6252, 54.1285, 49.4824**, and the grayscale version is **44.7974, 47.1303, 51.3249**.

A 20% lighter version of the original color is **84.4971, 84.7309, 106.5090**, and **22.2334, 21.5798, 29.3791** is the 20% darker color. If you saturate the color by 10%, you get **40.7762, 37.7931, 58.5724**, and if you desaturate by 10%, it is **53.2542, 55.8497, 61.4000**.

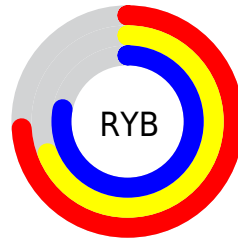
Distribution



Red (74%)

Green (69%)

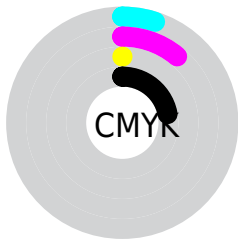
Blue (78%)



Red (74%)

Yellow (69%)

Blue (78%)

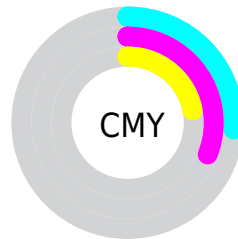


Cyan (5%)

Magenta (11%)

Yellow (0%)

Black (22%)



Cyan (26%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.6542, 46.2129, 59.8871 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 46.6542, 46.2129, 59.8871 by changing the saturation by 10% instead.

■ 46.6542, 46.2129,
59.8871

■ 46.6542, 46.2129,
59.8871

364.1045,
371.6639, 441.9746

■ 32.9692, 32.4139,
42.9029

■ 84.4191, 84.5375,
106.2076

■ 22.2620, 21.6778,
29.4781

109.2297,
109.8319, 136.3811

■ 14.1672, 13.6203,
19.1941

138.4795,
139.7269, 171.7881

■ 8.3195, 7.8571,
11.6324

172.5339,
174.6068, 212.8471

■ 4.3536, 4.0036,
6.3744

211.7583,
214.8560, 259.9767

■ 1.9041, 1.6756,
3.0016

256.5179,

■ 0.5792, 0.4078,

260.8590, 313.5955

1.0955

307.1782,
313.0002, 374.1219

■ 0.0000, 0.0000,
0.0000

■ 46.6542, 46.2129,
59.8871

■ 46.6542, 46.2129,
59.8871

■ 40.7762, 37.7931,
58.5724

■ 53.2542, 55.8497,
61.4000

■ 35.5889, 30.5344,
57.4448

■ 60.5977, 66.7449,
63.1160

■ 31.0646, 24.3850,
56.4962

■ 68.7104, 78.9449,
65.0432

■ 27.1721, 19.2868,
55.7174

■ 77.2299, 91.7210,
67.0602

■ 23.8771, 15.1763,
55.0976

■ 80.2641, 93.2852,
67.2022

■ 21.1420, 11.9830,
54.6254

■ 83.4634, 94.9345,
67.3520

■ 18.9241, 9.6264,
54.2874

■ 86.8303, 96.6702,
67.5095

■ 17.1731, 8.0114,
54.0680

■ 87.1932, 96.8573,
67.5265

■ 15.8675, 7.0025,
53.9421

Harmonies

Analogous

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



44.6706, 46.2129, 62.8813



46.6542, 46.2129, 59.8871



47.9318, 46.2129, 54.4037

Triad

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



46.6542, 46.2129, 59.8871



45.3283, 46.2129, 39.9750



39.9829, 46.2129, 52.4743

Complementary

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



46.6542, 46.2129, 59.8871



48.6252, 54.1285, 49.4824

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.



40.1460, 46.2129, 46.4422



46.6542, 46.2129, 59.8871



43.1857, 46.2129, 39.5505

Square

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



46.6542, 46.2129, 59.8871



47.1492, 46.2129, 43.0378



41.3024, 46.2129, 41.8267



40.8493, 46.2129, 58.3761

Rectangle

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



46.6542, 46.2129, 59.8871



48.1872, 46.2129, 50.2458



41.3024, 46.2129, 41.8267



39.9199, 46.2129, 50.3903

Sweetspot

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



46.6556, 46.2149, 59.8881



91.3302, 94.5313, 108.0405



46.1284, 49.0305, 60.4594



19.3400, 19.9282, 23.0771



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.



46.6556, 46.2149, 59.8881



79.7997, 77.7705, 105.4131



49.1649, 47.5131, 59.7951



10.5779, 10.5562, 13.3975



10.4183, 4.6051, 35.0841



0.5766, 0.2610, 1.6651

Inverse Universe

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



47.9821, 47.0400, 53.5669



82.7009, 79.5747, 91.6110



46.2980, 52.9248, 49.5558



10.8407, 10.7197, 12.1443



16.5106, 8.3538, 7.8985



0.8183, 0.4102, 0.5665

Previews

White Background



This preview shows how the XYZ color 46.6542, 46.2129, 59.8871 looks on a white background.

Color Contrast Check

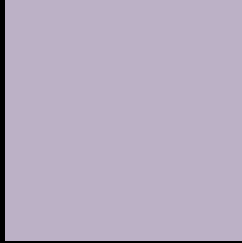
Large Text (above 18pt) WCAG AA × Fail

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 46.6542, 46.2129, 59.8871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

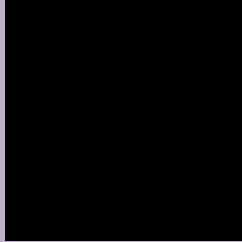
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.6542, 46.2129, 59.8871

Background



This preview shows how black text looks on a background with the XYZ color 46.6542, 46.2129, 59.8871.



This preview shows how white text looks on a background with the XYZ color 46.6542, 46.2129,

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

46.6542, 46.2129, 59.8871

Protanopia

45.3370, 46.3964, 61.2095

Deuteranopia

47.2042, 46.2043, 59.8565



Tritanopia

45.9283, 46.2114, 56.3682

Trichromacy



Original Color

46.6542, 46.2129, 59.8871

Protanomaly

45.7203, 46.3088, 60.5616

Deuteranomaly

46.9536, 46.0750, 59.8447

Tritanomaly

46.1515, 46.3006, 57.5434

Monochromacy



Original Color

46.6542, 46.2129, 59.8871

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.6086, 46.9929, 54.2437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6542, 46.2129, 59.8871 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(188, 177, 198)` looks like.

```
.text, #text, p{  
    color:rgb(188, 177, 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(188, 177, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 177, 198) }
```

Border

The CSS property to change the border of an element to XYZ 46.6542, 46.2129, 59.8871 is called "border". The border property can be set on classes, ids or directly on the HTML element.

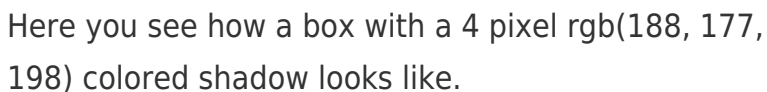
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 177, 198) }
```


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

```
.border{ border-color:rgb(188, 177, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 177, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 177, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 177, 198); box-shadow:4px 4px 4px 4px rgb(188, 177, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6542, 46.2129, 59.8871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 177, 198) }
```

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

```
.background{ background-color: rgb(188,  
177, 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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