

Converting Colors

XYZ(46.7479, 39.2824, 61.6183)

Have a look what the booklet for
XYZ(46.7479, 39.2824, 61.6183)
contains.

XYZ(46.7479, 39.2824, 61.6183)	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(46.7479, 39.2824,
61.6183)**

Conversions

Conversions Part 1

Format	Color
Hex	CC97CB
RGB	204, 151, 203
RGB Percent	80%, 59%, 80%
CMY	0.2000, 0.4078, 0.2039
CMYK	0.00, 0.26, 0.00, 0.20
HSL	301°, 34%, 70%
HSV	301°, 26%, 80%
XYZ	46.7479, 39.2824, 61.6183
YIQ	172.7750, 14.8960, 27.4080

Conversions

Conversions Part 2

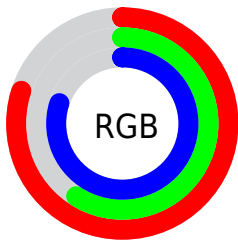
Format	Color
R_{YB}	204, 151, 203
Decimal	13408203
CIE _{Lab}	68.96, 28.49, -18.95
CIE _{LCh}	69, 34.222, 326.366
Yxy	39.2824, 0.3166, 0.2661
Android (android.graphics.Color)	4291598283 (0xFFCC97CB)
YUV	172.7750, 14.9009, 27.3843
Hunter-Lab	62.6757, 23.4554, -14.4168

Details

The XYZ color **46.7479, 39.2824, 61.6183** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.0244, 52.0332, 37.6418**, and the grayscale version is **39.5282, 41.5868, 45.2880**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **22.2811, 17.4832, 30.6340** is the 20% darker color. If you saturate the color by 10%, you get **43.6992, 33.2576, 60.3764**, and if you desaturate by 10%, it is **50.3672, 46.4468, 63.0518**.

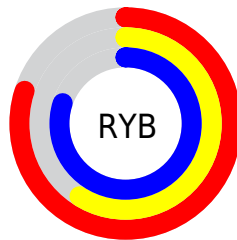
Distribution



Red (80%)

Green (59%)

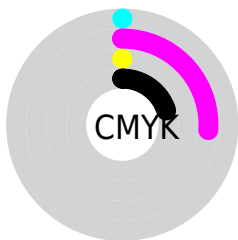
Blue (80%)



Red (80%)

Yellow (59%)

Blue (80%)

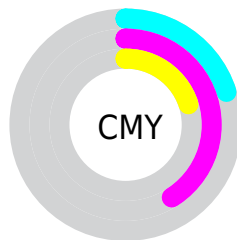


Cyan (0%)

Magenta (26%)

Yellow (0%)

Black (20%)



Cyan (20%)

Magenta (41%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.7479, 39.2824, 61.6183 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 46.7479, 39.2824, 61.6183 by changing the saturation by 10% instead.

46.7479, 39.2824,
61.6183

46.7479, 39.2824,
61.6183

364.4731,
343.0896, 448.5066

33.0435, 26.9795,
44.2906

84.5582, 74.0695,
108.7399

22.3192, 17.5578,
30.5601

109.3949, 97.3225,
139.3709

14.2095, 10.6330,
20.0085

138.6730,
124.9944, 175.2733

8.3492, 5.8206,
12.2171

172.7580,
157.4694, 216.8657

4.3729, 2.7363,
6.7674

212.0151,
195.1321, 264.5668

1.9152, 0.9957,
3.2408

256.8097,

0.5856, 0.0000,

238.3667, 318.7949

1.2189

307.5073,
287.5578, 379.9686

■ 0.0000, 0.0000,
0.0000

■ 46.7479, 39.2824,
61.6183

■ 46.7479, 39.2824,
61.6183

■ 43.6992, 33.2576,
60.3764

■ 50.3672, 46.4468,
63.0518

■ 41.1882, 28.3088,
59.3139

■ 54.5806, 54.7999,
64.6835

■ 39.1843, 24.3739,
58.4209

■ 59.4147, 64.3942,
66.5227

■ 37.6522, 21.3825,
57.6858

■ 64.8935, 75.2777,
68.5773

■ 36.5522, 19.2551,
57.0953

■ 71.0396, 87.4956,
70.8549

■ 35.8381, 17.8995,
56.6340

■ 71.7192, 88.7803,
71.3109

■ 35.4523, 17.2001,
56.2826

■ 71.7658, 88.7990,
71.5565

■ 35.3451, 17.0147,
56.1575

■ 71.8125, 88.8177,
71.8027

■ 71.8594, 88.8364,
72.0495

Harmonies

Analogous

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



42.1811, 39.2824, 75.6474



46.7479, 39.2824, 61.6183



48.7881, 39.2824, 44.7003

Triad

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



46.7479, 39.2824, 61.6183



38.0042, 39.2824, 19.2869



28.7212, 39.2824, 57.5149

Complementary

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



46.7479, 39.2824, 61.6183



40.0244, 52.0332, 37.6418

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.



27.8340, 39.2824, 40.8997



46.7479, 39.2824, 61.6183



32.8782, 39.2824, 21.1418

Square

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



46.7479, 39.2824, 61.6183



43.4400, 39.2824, 22.3521



29.2819, 39.2824, 28.2230



31.8337, 39.2824, 72.9024

Rectangle

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



46.7479, 39.2824, 61.6183



48.3079, 39.2824, 34.8685



29.2819, 39.2824, 28.2230



28.1667, 39.2824, 51.7874

Sweetspot

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



46.7491, 39.2841, 61.6191



88.8220, 87.6431, 106.5185



34.8945, 33.1590, 61.6886



18.7770, 18.2941, 22.7089



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.



46.7491, 39.2841, 61.6191



74.5662, 59.4153, 100.8917



43.8675, 38.1315, 46.4445



11.6781, 11.4000, 14.1053



22.2505, 10.7108, 35.3676



1.1509, 0.5538, 1.8403

Inverse Universe

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



46.7491, 39.2841, 61.6191



74.5662, 59.4153, 100.8917



42.4312, 52.9959, 50.3159



11.6781, 11.4000, 14.1053



22.2505, 10.7108, 35.3676



1.1509, 0.5538, 1.8403

Previews

White Background



This preview shows how the XYZ color 46.7479, 39.2824, 61.6183 looks on a white background.

Color Contrast Check

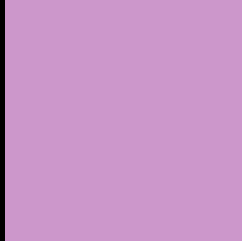
Large Text (above 18pt) WCAG AA × Fail

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 46.7479, 39.2824, 61.6183 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 46.7479, 39.2824, 61.6183

Background



This preview shows how black text looks on a background with the XYZ color 46.7479, 39.2824, 61.6183.



This preview shows how white text looks on a background with the XYZ color 46.7479, 39.2824,

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

46.7479, 39.2824, 61.6183

Protanopia

39.8609, 39.6606, 69.1727

Deuteranopia

40.2426, 39.5154, 60.1498



Tritanopia

42.7716, 39.1206, 42.8328

Trichromacy



Original Color

46.7479, 39.2824, 61.6183

Protanomaly

41.8333, 39.1416, 66.3230

Deuteranomaly

42.4048, 39.3037, 60.6097

Tritanomaly

44.1492, 39.1964, 48.9548

Monochromacy



Original Color

46.7479, 39.2824, 61.6183

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.8740, 40.5613, 50.9695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7479, 39.2824, 61.6183 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(204, 151, 203)` looks like.

```
.text, #text, p{  
    color:rgb(204, 151, 203)  
}
```

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(204, 151, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 151, 203) }
```

Border

The CSS property to change the border of an element to XYZ 46.7479, 39.2824, 61.6183 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(204, 151, 203) }
```


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

```
.border{ border-color:rgb(204, 151, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 151, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 151, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 151, 203);  
box-shadow:4px 4px 4px 4px rgb(204, 151,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7479, 39.2824, 61.6183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 151, 203) }
```

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

```
.background{ background-color: rgb(204,  
151, 203) }
```

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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