

Converting Colors

XYZ(47.3392, 39.8606, 61.7152)

Have a look what the booklet for
XYZ(47.3392, 39.8606, 61.7152)
contains.

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Color

**XYZ(47.1846, 39.7474,
61.6850)**

Conversions

Conversions Part 1

Format	Color
Hex	CD98CB
RGB	205, 152, 203
RGB Percent	80%, 60%, 80%
CMY	0.1961, 0.4039, 0.2039
CMYK	0.00, 0.26, 0.01, 0.20
HSL	302°, 35%, 70%
HSV	302°, 26%, 80%
XYZ	47.1846, 39.7474, 61.6850
YIQ	173.6610, 15.2170, 27.0970

Conversions

Conversions Part 2

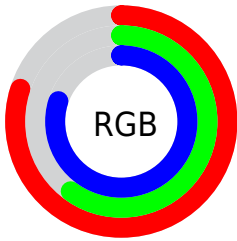
Format	Color
R_{YB}	205, 152, 203
Decimal	13473995
CIE _{Lab}	69.29, 28.28, -18.44
CIE _{LCh}	69, 33.759, 326.894
Yxy	39.7474, 0.3175, 0.2674
Android (android.graphics.Color)	4291664075 (0xFFCD98CB)
YUV	173.6610, 14.4641, 27.4843
Hunter-Lab	63.0455, 23.2634, -13.8786

Details

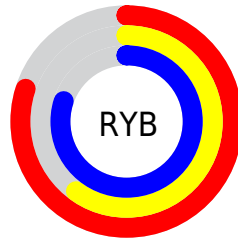
The XYZ color **47.1846, 39.7474, 61.6850** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.6146, 52.6725, 38.6003**, and the grayscale version is **39.9821, 42.0643, 45.8080**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **22.5597, 17.7683, 30.6744** is the 20% darker color. If you saturate the color by 10%, you get **44.0490, 33.6228, 60.1863**, and if you desaturate by 10%, it is **50.8981, 47.0257, 63.3795**.

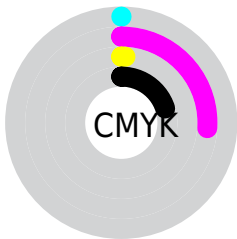
Distribution



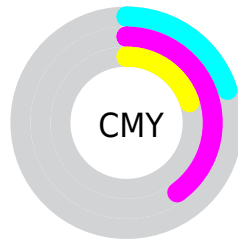
- Red (80%)
- Green (60%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (26%)
- Yellow (1%)
- Black (20%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1846, 39.7474, 61.6850 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 47.1846, 39.7474, 61.6850 by changing the saturation by 10% instead.


 47.1846, 39.7474,
61.6850


 47.1846, 39.7474,
61.6850


366.1875,
345.0578, 448.7570

 33.3902, 27.3417,
44.3441


 85.2062, 74.7787,
108.8373

 22.5862, 17.8300,
30.6019

 110.1640, 98.1731,
139.4858

 14.4073, 10.8280,
20.0400


139.5737,
125.9991, 175.4072

 8.4880, 5.9513,
12.2398

173.8007,
158.6411, 217.0201

 4.4632, 2.8155,
6.7827

213.2101,
196.4836, 264.7429

 1.9674, 1.0362,
3.2502

258.1675,

 0.6155, 0.0000,

239.9110, 318.9944

1.2238

309.0382,
289.3075, 380.1929

■ 0.0000, 0.0000,
0.0000

■ 47.1846, 39.7474,
61.6850

■ 47.1846, 39.7474,
61.6850

■ 44.0490, 33.6228,
60.1863

■ 50.8981, 47.0257,
63.3795

■ 41.4582, 28.5876,
58.8711

■ 55.2133, 55.5074,
65.2763

■ 39.3810, 24.5790,
57.7293

■ 60.1572, 65.2457,
67.3850

■ 37.7819, 21.5259,
56.7492

■ 65.7538, 76.2888,
69.7136

■ 36.6208, 19.3480,
55.9173

■ 72.0263, 88.6828,
72.2697

■ 35.8511, 17.9520,
55.2181

■ 72.2787, 89.0359,
72.8214

■ 35.4146, 17.2220,
54.6323

■ 72.3739, 89.0740,
73.3230

■ 35.2854, 17.0226,
54.4072

■ 72.4697, 89.1123,
73.8271

■ 72.5659, 89.1508,
74.3336

Harmonies

Analogous

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



42.6848, 39.7474, 75.6753



47.1846, 39.7474, 61.6850



49.1531, 39.7474, 44.9134

Triad

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



47.1846, 39.7474, 61.6850



38.3454, 39.7474, 19.8167



29.2361, 39.7474, 58.2096

Complementary

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



47.1846, 39.7474, 61.6850



40.6146, 52.6725, 38.6003

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.



28.3102, 39.7474, 41.6831



47.1846, 39.7474, 61.6850



33.2638, 39.7474, 21.7665

Square

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



47.1846, 39.7474, 61.6850



43.7531, 39.7474, 22.8039



29.7141, 39.7474, 28.9541



32.3745, 39.7474, 73.3553

Rectangle

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



47.1846, 39.7474, 61.6850



48.6379, 39.7474, 35.1813



29.7141, 39.7474, 28.9541



28.6696, 39.7474, 52.5308

Sweetspot

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



47.1858, 39.7491, 61.6858



88.7602, 87.6184, 106.1929



35.5315, 33.7134, 62.3932



18.7613, 18.2878, 22.6261



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.



47.1858, 39.7491, 61.6858



74.3287, 59.3203, 99.6411



44.3158, 38.6011, 46.5725



11.6685, 11.3962, 14.0552



21.9744, 10.6004, 33.9135



1.1395, 0.5492, 1.7803

Inverse Universe

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



47.1858, 39.7491, 61.6858



74.3287, 59.3203, 99.6411



43.0472, 53.6455, 51.4099



11.6685, 11.3962, 14.0552



21.9744, 10.6004, 33.9135



1.1395, 0.5492, 1.7803

Previews

White Background



This preview shows how the XYZ color 47.1846, 39.7474, 61.6850 looks on a white background.

Color Contrast Check

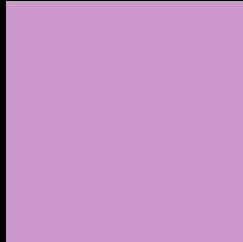
Large Text (above 18pt) WCAG AA × Fail

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 47.1846, 39.7474, 61.6850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

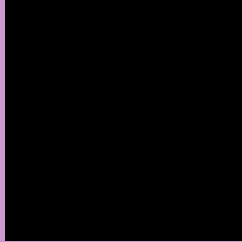
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1846, 39.7474, 61.6850

Background



This preview shows how black text looks on a background with the XYZ color 47.1846, 39.7474, 61.6850.



This preview shows how white text looks on a background with the XYZ color 47.1846, 39.7474,

61.6850.

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

47.1846, 39.7474, 61.6850

Protanopia

40.2408, 40.1294, 69.2432

Deuteranopia

40.6750, 39.7383, 60.1700



Tritanopia

43.5700, 39.7735, 43.4109

Trichromacy



Original Color

47.1846, 39.7474, 61.6850

Protanomaly

42.2324, 39.6078, 66.3919

Deuteranomaly

42.6419, 39.4259, 60.6208

Tritanomaly

44.6891, 39.7109, 49.5656

Monochromacy



Original Color

47.1846, 39.7474, 61.6850

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.4008, 41.0895, 51.5952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1846, 39.7474, 61.6850 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(205, 152, 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(205, 152, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 152, 203) }
```

Border

The CSS property to change the border of an element to XYZ 47.1846, 39.7474, 61.6850 is called "border". The border property can be set on classes, ids or directly on the HTML element.

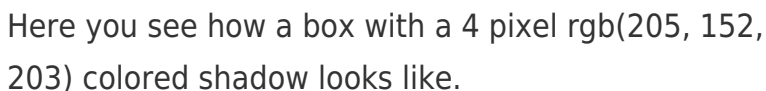
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 152, 203) }
```


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

```
.border{ border-color:rgb(205, 152, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 152, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 152, 203); box-shadow:4px 4px 4px 4px rgb(205, 152, 203) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1846, 39.7474, 61.6850 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, 203) }
```

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

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