

Converting Colors

XYZ(49.0488, 47.2151, 56.6160)

Have a look what the booklet for
XYZ(49.0488, 47.2151, 56.6160)
contains.

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Color

**XYZ(49.1272, 47.2739,
56.4047)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B0C0
RGB	201, 176, 192
RGB Percent	79%, 69%, 75%
CMY	0.2118, 0.3098, 0.2471
CMYK	0.00, 0.12, 0.04, 0.21
HSL	322°, 19%, 74%
HSV	322°, 12%, 79%
XYZ	49.1272, 47.2739, 56.4047
YIQ	185.2990, 9.7640, 10.2760

Conversions

Conversions Part 2

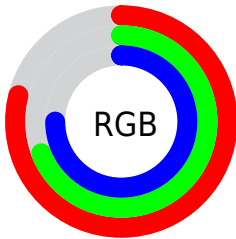
Format	Color
R_{YB}	201, 176, 192
Decimal	13217984
CIE _{Lab}	74.36, 11.76, -4.82
CIE _{LCh}	74, 12.713, 337.698
Yxy	47.2739, 0.3215, 0.3094
Android (android.graphics.Color)	4291408064 (0xFFC9B0C0)
YUV	185.2990, 3.3036, 13.7698
Hunter-Lab	68.7560, 7.2179, -0.5099

Details

The XYZ color **49.1272, 47.2739, 56.4047** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.5499, 54.5076, 53.9164**, and the grayscale version is **46.2600, 48.6691, 53.0007**.

A 20% lighter version of the original color is **87.0399, 85.7505, 100.7709**, and **23.7758, 22.2330, 27.4644** is the 20% darker color. If you saturate the color by 10%, you get **44.6923, 39.6554, 51.0672**, and if you desaturate by 10%, it is **54.1878, 56.0794, 62.1464**.

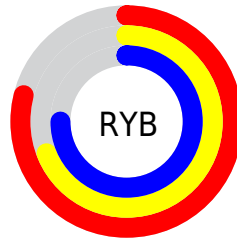
Distribution



Red (79%)

Green (69%)

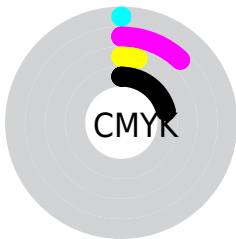
Blue (75%)



Red (79%)

Yellow (69%)

Blue (75%)

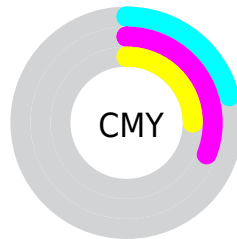


Cyan (0%)

Magenta (12%)

Yellow (4%)

Black (21%)



Cyan (21%)


Magenta (31%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.1272, 47.2739, 56.4047 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 49.1272, 47.2739, 56.4047 by changing the saturation by 10% instead.


 49.1272, 47.2739,
56.4047

 49.1272, 47.2739,
56.4047


373.7515,
375.9068, 428.6460

 34.9353, 33.2522,
40.1213


 88.0799, 86.1223,
101.0877

 23.7794, 22.3197,
27.3186


113.5715,
111.7179, 130.3245

 15.2939, 14.0920,
17.5781


143.5604,
141.9402, 164.7161

 9.1136, 8.1847,
10.4812

178.4119,
177.1736, 204.6811

 4.8730, 4.2134,
5.6094

218.4914,
217.8026, 250.6380

 2.2069, 1.7936,
2.5442

264.1643,

 0.7464, 0.4832,

264.2115, 303.0055

0.8634

315.7959,
316.7848, 362.2019

■ 0.0000, 0.0000,
0.0000

■ 49.1272, 47.2739,
56.4047

■ 49.1272, 47.2739,
56.4047

■ 44.6923, 39.6554,
51.0672

■ 54.1878, 56.0794,
62.1464

■ 40.8529, 33.1663,
46.1195

■ 59.8946, 66.1138,
68.3003

■ 37.5823, 27.7536,
41.5504

■ 66.2720, 77.4247,
74.8776

■ 34.8502, 23.3576,
37.3468

■ 72.8922, 89.1555,
81.7383

■ 32.6233, 19.9125,
33.4948

■ 73.8773, 89.5495,
86.9258

■ 30.8645, 17.3451,
29.9789

■ 74.9045, 89.9604,
92.3349

■ 29.5310, 15.5710,
26.7818

■ 75.9743, 90.3883,
97.9682

■ 28.5719, 14.4893,
23.8833

■ 77.0871, 90.8334,
103.8283

■ 28.0257, 13.9929,
21.8641

■ 77.8978, 91.1577,
108.0973

Harmonies

Analogous

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



47.6769, 47.2739, 62.1010



49.1272, 47.2739, 56.4047



49.4351, 47.2739, 49.8039

Triad

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



49.1272, 47.2739, 56.4047



44.3457, 47.2739, 39.9688



41.5403, 47.2739, 59.5692

Complementary

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



49.1272, 47.2739, 56.4047



47.5499, 54.5076, 53.9164

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.



40.7118, 47.2739, 53.1795



49.1272, 47.2739, 56.4047



42.2954, 47.2739, 42.1329

Square

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



49.1272, 47.2739, 56.4047



46.6229, 47.2739, 40.6733



40.9835, 47.2739, 46.8379



43.2833, 47.2739, 64.0334

Rectangle

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



49.1272, 47.2739, 56.4047



48.9417, 47.2739, 45.8358



40.9835, 47.2739, 46.8379



41.1483, 47.2739, 57.5550

Sweetspot

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



49.1286, 47.2760, 56.4057



91.2962, 93.4296, 104.7596



46.0171, 45.5532, 61.6265



19.3944, 19.7416, 22.2590



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.



49.1286, 47.2760, 56.4057



81.8997, 77.1214, 93.9671



47.8272, 46.7554, 49.5527



10.9147, 10.7493, 12.5344



17.6663, 8.8161, 13.9846



0.8702, 0.4309, 0.8399

Inverse Universe

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



49.1286, 47.2760, 56.4057



81.8997, 77.1214, 93.9671



48.8994, 55.0474, 61.0227



10.9147, 10.7493, 12.5344



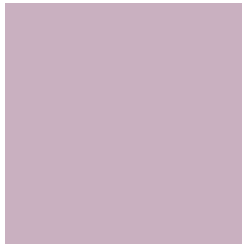
17.6663, 8.8161, 13.9846



0.8702, 0.4309, 0.8399

Previews

White Background



This preview shows how the XYZ color 49.1272, 47.2739, 56.4047 looks on a white background.

Color Contrast Check

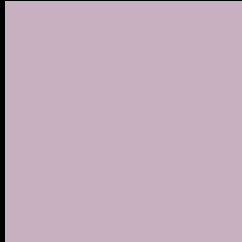
Large Text (above 18pt) WCAG AA × Fail

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 49.1272, 47.2739, 56.4047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

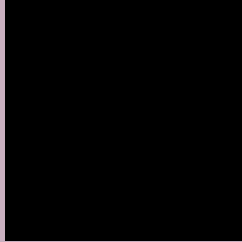
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.1272, 47.2739, 56.4047

Background



This preview shows how black text looks on a background with the XYZ color 49.1272, 47.2739, 56.4047.



This preview shows how white text looks on a background with the XYZ color 49.1272, 47.2739,

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

49.1272, 47.2739, 56.4047

Protanopia

46.2202, 47.5087, 58.9586

Deuteranopia

48.4608, 47.5169, 56.4867



Tritanopia

48.9070, 47.1859, 55.2453

Trichromacy



Original Color

49.1272, 47.2739, 56.4047

Protanomaly

47.4068, 47.5298, 58.3053

Deuteranomaly

48.5253, 47.2558, 56.4329

Tritanomaly

49.0167, 47.2298, 55.8230

Monochromacy



Original Color

49.1272, 47.2739, 56.4047

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.2909, 48.1631, 54.3809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1272, 47.2739, 56.4047 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(201, 176, 192) looks like.

```
.text, #text, p{  
    color:rgb(201, 176, 192)  
}
```

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(201, 176, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 176, 192) }
```

Border

The CSS property to change the border of an element to XYZ 49.1272, 47.2739, 56.4047 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(201, 176, 192) }
```


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

```
.border{ border-color:rgb(201, 176, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 176, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 176, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 176, 192);  
box-shadow:4px 4px 4px 4px rgb(201, 176,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1272, 47.2739, 56.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 176, 192) }
```

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

```
.background{ background-color: rgb(201,  
176, 192) }
```

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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