

Converting Colors

XYZ(49.2176, 47.8924, 61.9308)

Have a look what the booklet for
XYZ(49.2176, 47.8924, 61.9308)
contains.

XYZ(49.2280, 47.7936, 61.8888)	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(49.2280, 47.7936,
61.8888)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B2C9
RGB	196, 178, 201
RGB Percent	77%, 70%, 79%
CMY	0.2314, 0.3019, 0.2118
CMYK	0.02, 0.11, 0.00, 0.21
HSL	287°, 18%, 74%
HSV	287°, 11%, 79%
XYZ	49.2280, 47.7936, 61.8888
YIQ	186.0040, 3.3450, 10.9690

Conversions

Conversions Part 2

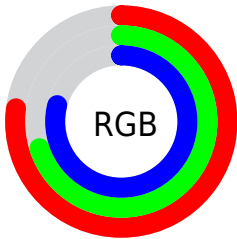
Format	Color
RYB	196, 178, 201
Decimal	12890825
CIELab	74.69, 10.61, -9.30
CIELCh	75, 14.113, 318.772
Yxy	47.7936, 0.3098, 0.3008
Android (android.graphics.Color)	4291080905 (0xFFC4B2C9)
YUV	186.0040, 7.3930, 8.7665
Hunter-Lab	69.1329, 6.1232, -4.6842

Details

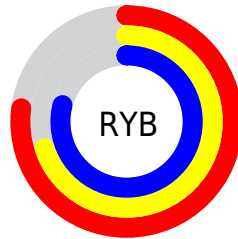
The XYZ color **49.2280, 47.7936, 61.8888** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4526, 55.0561, 50.1950**, and the grayscale version is **46.6342, 49.0628, 53.4294**.

A 20% lighter version of the original color is **87.9808, 86.9483, 106.7533**, and **23.7554, 22.5246, 30.6994** is the 20% darker color. If you saturate the color by 10%, you get **44.3984, 39.7967, 60.6005**, and if you desaturate by 10%, it is **54.6795, 56.9837, 63.3761**.

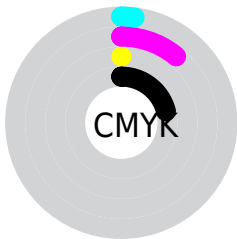
Distribution



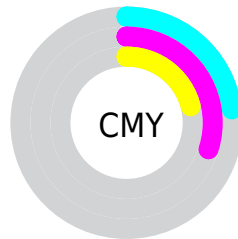
- Red (77%)
- Green (70%)
- Blue (79%)



- Red (77%)
- Yellow (70%)
- Blue (79%)



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)



- Cyan (23%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2280, 47.7936, 61.8888 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 49.2280, 47.7936, 61.8888 by changing the saturation by 10% instead.

■ 49.2280, 47.7936,
61.8888

■ 49.2280, 47.7936,
61.8888

374.1413,
377.9734, 449.5218

■ 35.0157, 33.6635,
44.5076

■ 88.2287, 86.8970,
109.1348

■ 23.8415, 22.6352,
30.7297

113.7477,
112.6391, 139.8368

■ 15.3402, 14.3244,
20.1364

143.7664,
143.0206, 175.8161

■ 9.1464, 8.3466,
12.3091

178.6500,
178.4259, 217.4913

■ 4.8946, 4.3175,
6.8295

218.7640,
219.2395, 265.2809

■ 2.2197, 1.8527,
3.2789

264.4736,

■ 0.7531, 0.5197,

265.8456, 319.6035

1.2387

316.1442,
318.6288, 380.8776

■ 0.0000, 0.0000,
0.0108

■ 0.0000, 0.0000,
0.0000

■ 49.2280, 47.7936,
61.8888

■ 49.2280, 47.7936,
61.8888

■ 44.3984, 39.7967,
60.6005

■ 54.6795, 56.9837,
63.3761

■ 40.1609, 32.9358,
59.4996

■ 60.7728, 67.4085,
65.0671

■ 36.4892, 27.1585,
58.5779

■ 67.5320, 79.1153,
66.9705

■ 33.3537, 22.4055,
57.8258

■ 73.8830, 89.9552,
68.7281

■ 30.7217, 18.6119,
57.2323

■ 75.1715, 90.6195,
68.7884

■ 28.5566, 15.7053,
56.7854

■ 76.4944, 91.3015,
68.8503

■ 26.8170, 13.6029,
56.4712

■ 77.8521, 92.0014,
68.9138

■ 25.4531, 12.2059,
56.2735

■ 79.2447, 92.7193,
68.9790

■ 24.5067, 11.4158,
56.1708

■ 80.6726, 93.4554,
69.0458

Harmonies

Analogous

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



47.0281, 47.7936, 66.5524



49.2280, 47.7936, 61.8888



50.4251, 47.7936, 54.8312

Triad

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



49.2280, 47.7936, 61.8888



46.3911, 47.7936, 39.4059



40.9256, 47.7936, 56.7063

Complementary

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



49.2280, 47.7936, 61.8888



48.4526, 55.0561, 50.1950

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.



40.7695, 47.7936, 49.3434



49.2280, 47.7936, 61.8888



43.8615, 47.7936, 39.8058

Square

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



49.2280, 47.7936, 61.8888



48.7467, 47.7936, 42.1450



41.8257, 47.7936, 43.2942



42.2604, 47.7936, 63.3719

Rectangle

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



49.2280, 47.7936, 61.8888



50.4643, 47.7936, 49.9198



41.8257, 47.7936, 43.2942



40.7354, 47.7936, 54.2176

Sweetspot

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



49.2294, 47.7957, 61.8898



92.0487, 94.9017, 108.0741



45.9139, 47.7026, 62.0466



19.5342, 20.0283, 23.0862



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.



49.2294, 47.7957, 61.8898



81.9019, 77.8573, 105.3190



49.8445, 48.1944, 58.2273



10.8488, 10.6958, 13.4102



15.4889, 7.2191, 35.3214



0.7911, 0.3716, 1.6752

Inverse Universe

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



48.5566, 47.6793, 51.4457



80.5234, 77.6291, 83.4572



47.9141, 54.7058, 53.4566



10.7267, 10.6741, 11.5440



15.4558, 7.9319, 2.3441



0.7596, 0.3867, 0.2575

Previews

White Background



This preview shows how the XYZ color 49.2280, 47.7936, 61.8888 looks on a white background.

Color Contrast Check

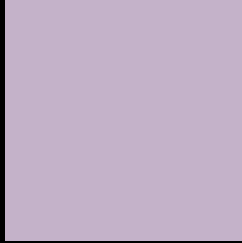
Large Text (above 18pt) WCAG AA × Fail

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 49.2280, 47.7936, 61.8888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

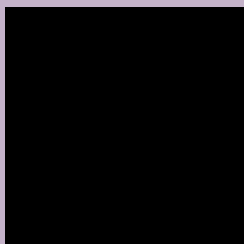
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.2280, 47.7936, 61.8888

Background



This preview shows how black text looks on a background with the XYZ color 49.2280, 47.7936, 61.8888.



This preview shows how white text looks on a background with the XYZ color 49.2280, 47.7936,

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

49.2280, 47.7936, 61.8888

Protanopia

46.8886, 48.0504, 63.9301

Deuteranopia

48.9108, 47.9266, 61.9312



Tritanopia

48.2514, 47.6926, 57.1145

Trichromacy



Original Color

49.2280, 47.7936, 61.8888

Protanomaly

47.5531, 47.7986, 63.2197

Deuteranomaly

49.1684, 48.0593, 61.9433

Tritanomaly

48.5896, 47.8278, 58.8953

Monochromacy



Original Color

49.2280, 47.7936, 61.8888

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.5727, 48.5757, 56.1589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2280, 47.7936, 61.8888 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(196, 178, 201)` looks like.

```
.text, #text, p{  
    color:rgb(196, 178, 201)  
}
```

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(196, 178, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 178, 201) }
```

Border

The CSS property to change the border of an element to XYZ 49.2280, 47.7936, 61.8888 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(196, 178, 201) }
```


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

```
.border{ border-color:rgb(196, 178, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 178, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 178, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 178, 201);  
box-shadow:4px 4px 4px 4px rgb(196, 178,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2280, 47.7936, 61.8888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 178, 201) }
```

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

```
.background{ background-color: rgb(196,  
178, 201) }
```

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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