

Converting Colors

XYZ(49.2693, 48.4759, 62.5862)

Have a look what the booklet for
XYZ(49.2693, 48.4759, 62.5862)
contains.

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Color

**XYZ(49.2301, 48.3761,
62.6199)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B4CA
RGB	194, 180, 202
RGB Percent	76%, 71%, 79%
CMY	0.2392, 0.2941, 0.2078
CMYK	0.04, 0.11, 0.00, 0.21
HSL	278°, 17%, 75%
HSV	278°, 11%, 79%
XYZ	49.2301, 48.3761, 62.6199
YIQ	186.6940, 1.2820, 9.8100

Conversions

Conversions Part 2

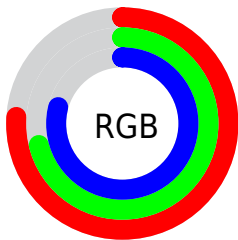
Format	Color
R_{YB}	194, 180, 202
Decimal	12760266
CIE _{Lab}	75.06, 9.04, -9.32
CIE _{LCh}	75, 12.982, 314.126
Yxy	48.3761, 0.3073, 0.3019
Android (android.graphics.Color)	4290950346 (0xFFC2B4CA)
YUV	186.6940, 7.5459, 6.4074
Hunter-Lab	69.5529, 4.6261, -4.6929

Details

The XYZ color **49.2301, 48.3761, 62.6199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0994, 56.2289, 51.3951**, and the grayscale version is **47.0213, 49.4701, 53.8729**.

A 20% lighter version of the original color is **87.8291, 87.7201, 106.9103**, and **23.7499, 22.8923, 31.1839** is the 20% darker color. If you saturate the color by 10%, you get **43.6071, 39.8595, 61.2731**, and if you desaturate by 10%, it is **55.5435, 58.1334, 64.1712**.

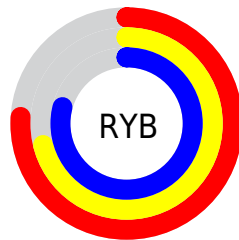
Distribution



Red (76%)

Green (71%)

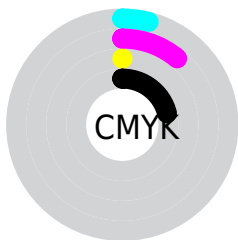
Blue (79%)



Red (76%)

Yellow (71%)

Blue (79%)

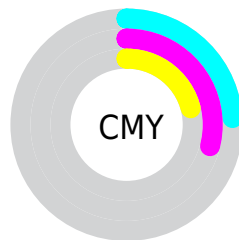


Cyan (4%)

Magenta (11%)

Yellow (0%)

Black (21%)



Cyan (24%)

Magenta (29%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2301, 48.3761, 62.6199 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 49.2301, 48.3761, 62.6199 by changing the saturation by 10% instead.

■ 49.2301, 48.3761,
62.6199

■ 49.2301, 48.3761,
62.6199

374.1494,
380.2810, 452.2586

■ 35.0173, 34.1248,
45.0948

■ 88.2318, 87.7641,
110.2012

■ 23.8428, 22.9895,
31.1886

113.7514,
113.6696, 141.0945

■ 15.3412, 14.5858,
20.4828

143.7707,
144.2287, 177.2809

■ 9.1470, 8.5292,
12.5589

178.6550,
179.8257, 219.1790

■ 4.8951, 4.4354,
6.9984

218.7696,
220.8450, 267.2072

■ 2.2200, 1.9200,
3.3827

264.4800,

■ 0.7532, 0.5603,

267.6711, 321.7842

1.2932

316.1515,
320.6883, 383.3285

■ 0.0000, 0.0000,
0.0562

■ 0.0000, 0.0000,
0.0000

■ 49.2301, 48.3761,
62.6199

■ 49.2301, 48.3761,
62.6199

■ 43.6071, 39.8595,
61.2731

■ 55.5435, 58.1334,
64.1712

■ 38.6432, 32.5257,
60.1192

■ 62.5683, 69.1740,
65.9320

■ 34.3111, 26.3209,
59.1499

■ 70.3299, 81.5461,
67.9110

■ 30.5796, 21.1851,
58.3552

■ 76.9712, 91.5336,
69.4888

27.4148, 17.0523,
57.7243

79.2893, 92.7286,
69.5972

24.7787, 13.8491,
57.2450

81.7068, 93.9749,
69.7104

22.6284, 11.4917,
56.9033

84.2250, 95.2731,
69.8282

20.9130, 9.8804,
56.6827

86.8451, 96.6238,
69.9509

19.6445, 8.8956,
56.5595

87.6608, 97.0443,
69.9890

Harmonies

Analogous

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



47.1024, 48.3761, 66.3873



49.2301, 48.3761, 62.6199



50.5093, 48.3761, 56.3287

Triad

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



49.2301, 48.3761, 62.6199



47.2393, 48.3761, 41.0788



41.6961, 48.3761, 55.9268

Complementary

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



49.2301, 48.3761, 62.6199



50.0994, 56.2289, 51.3951

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.



41.7299, 48.3761, 49.1797



49.2301, 48.3761, 62.6199



44.8756, 48.3761, 40.9914

Square

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



49.2301, 48.3761, 62.6199



49.3332, 48.3761, 44.0901



42.8762, 48.3761, 43.8401



42.7823, 48.3761, 62.3040

Rectangle

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



49.2301, 48.3761, 62.6199



50.6822, 48.3761, 51.7389



42.8762, 48.3761, 43.8401



41.5781, 48.3761, 53.6189

Sweetspot

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



49.2315, 48.3782, 62.6210



91.6418, 94.6920, 108.0551



47.4824, 49.9644, 63.0193



19.4242, 19.9716, 23.0811



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.



49.2315, 48.3782, 62.6210



81.0745, 78.4277, 105.4727



50.9963, 49.3277, 60.9078



11.2765, 11.1919, 14.1363



12.7414, 5.7760, 36.3996



0.7387, 0.3399, 1.8816

Inverse Universe

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



49.7571, 48.8320, 54.3821



82.1591, 79.3580, 88.7580



48.4849, 55.3617, 52.8960



11.3781, 11.2800, 12.5258



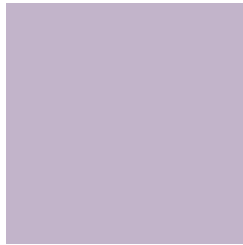
16.4965, 8.4092, 5.0671



0.8872, 0.4483, 0.4520

Previews

White Background



This preview shows how the XYZ color 49.2301, 48.3761, 62.6199 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 49.2301, 48.3761, 62.6199 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 49.2301, 48.3761, 62.6199

Background



This preview shows how black text looks on a background with the XYZ color 49.2301, 48.3761, 62.6199.



This preview shows how white text looks on a background with the XYZ color 49.2301, 48.3761,

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

49.2301, 48.3761, 62.6199

Protanopia

47.3310, 48.5857, 64.0101

Deuteranopia

49.4876, 48.5089, 62.6320



Tritanopia

48.3665, 48.3253, 58.4083

Trichromacy



Original Color

49.2301, 48.3761, 62.6199

Protanomaly

47.9627, 48.6179, 63.3562

Deuteranomaly

49.4876, 48.5089, 62.6320

Tritanomaly

48.7092, 48.4624, 60.2130

Monochromacy



Original Color

49.2301, 48.3761, 62.6199

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.8901, 49.0339, 56.8096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2301, 48.3761, 62.6199 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(194, 180, 202)` looks like.

```
.text, #text, p{  
    color:rgb(194, 180, 202)  
}
```

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(194, 180, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 180, 202) }
```

Border

The CSS property to change the border of an element to XYZ 49.2301, 48.3761, 62.6199 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(194, 180, 202) }
```


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

```
.border{ border-color:rgb(194, 180, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 180, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 180, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 180, 202);  
box-shadow:4px 4px 4px 4px rgb(194, 180,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2301, 48.3761, 62.6199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 180, 202) }
```

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

```
.background{ background-color: rgb(194,  
180, 202) }
```

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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