

Converting Colors

XYZ(50.2379, 49.2236, 61.4969)

Have a look what the booklet for XYZ(50.2379, 49.2236, 61.4969) contains.

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Color

**XYZ(50.2379, 49.2236,
61.4969)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B5C8
RGB	198, 181, 200
RGB Percent	78%, 71%, 78%
CMY	0.2235, 0.2902, 0.2157
CMYK	0.01, 0.09, 0.00, 0.22
HSL	294°, 15%, 75%
HSV	294°, 9%, 78%
XYZ	50.2379, 49.2236, 61.4969
YIQ	188.2490, 4.0330, 9.5130

Conversions

Conversions Part 2

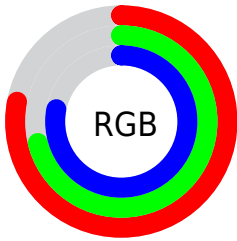
Format	Color
R _Y B	198, 181, 200
Decimal	13022664
CIE Lab	75.59, 9.48, -7.41
CIE LCh	76, 12.031, 322.002
Yxy	49.2236, 0.3121, 0.3058
Android (android.graphics.Color)	4291212744 (0xFFC6B5C8)
YUV	188.2490, 5.7932, 8.5516
Hunter-Lab	70.1595, 5.0362, -2.8578

Details

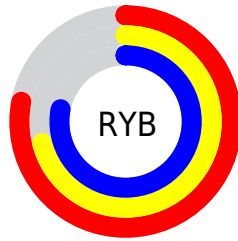
The XYZ color **50.2379, 49.2236, 61.4969** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.5250, 54.7133, 51.7217**, and the grayscale version is **47.9091, 50.4042, 54.8901**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **24.4091, 23.4430, 30.4326** is the 20% darker color. If you saturate the color by 10%, you get **45.9090, 41.3833, 60.2125**, and if you desaturate by 10%, it is **55.1612, 58.2397, 62.9784**.

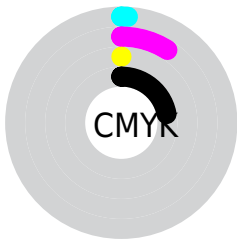
Distribution



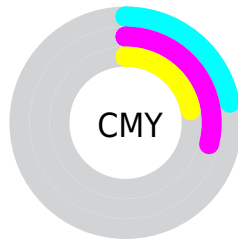
- Red (78%)
- Green (71%)
- Blue (78%)



- Red (78%)
- Yellow (71%)
- Blue (78%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)



- Cyan (22%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2379, 49.2236, 61.4969 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 50.2379, 49.2236, 61.4969 by changing the saturation by 10% instead.

■ 50.2379, 49.2236,
61.4969

■ 50.2379, 49.2236,
61.4969

378.0322,
383.6219, 448.0505

■ 35.8210, 34.7969,
44.1931

■ 89.7170, 89.0235,
108.5626

■ 24.4655, 23.5065,
30.4841

115.5099,
115.1654, 139.1616

■ 15.8059, 14.9679,
19.9511

145.8255,
145.9812, 175.0295

■ 9.4769, 8.7969,
12.1758

181.0293,
181.8552, 216.5848

■ 5.1131, 4.6089,
6.7395

221.4865,
223.1719, 264.2460

■ 2.3492, 2.0197,
3.2238

267.5624,

■ 0.8197, 0.6189,

270.3157, 318.4316

1.2100

319.6225,
323.6709, 379.5603

■ 0.0000, 0.0000,
0.0000

■ 50.2379, 49.2236,
61.4969

■ 50.2379, 49.2236,
61.4969

■ 45.9090, 41.3833,
60.2125

■ 55.1612, 58.2397,
62.9784

■ 42.1454, 34.6628,
59.1136

■ 60.6978, 68.4718,
64.6616

■ 38.9219, 29.0113,
58.1927

■ 66.8712, 79.9660,
66.5548

■ 36.2099, 24.3714,
57.4400

■ 71.7567, 88.8727,
68.0165

■ 33.9779, 20.6803,
56.8452

■ 72.3468, 89.1769,
68.0441

■ 32.1911, 17.8683,
56.3966

■ 72.9447, 89.4851,
68.0721

■ 30.8097, 15.8559,
56.0810

■ 73.5506, 89.7974,
68.1005

■ 29.7868, 14.5495,
55.8827

■ 74.1643, 90.1138,
68.1292

■ 29.0389, 13.7819,
55.7740

■ 74.7860, 90.4343,
68.1583

Harmonies

Analogous

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



48.4064, 49.2236, 65.7753



50.2379, 49.2236, 61.4969



51.1505, 49.2236, 55.3186

Triad

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



50.2379, 49.2236, 61.4969



47.3832, 49.2236, 42.3574



42.9307, 49.2236, 58.3179

Complementary

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



50.2379, 49.2236, 61.4969



48.5250, 54.7133, 51.7217

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.



42.6763, 49.2236, 51.9098



50.2379, 49.2236, 61.4969



45.2013, 49.2236, 43.0216

Square

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



50.2379, 49.2236, 61.4969



49.4685, 49.2236, 44.5106



43.4951, 49.2236, 46.4028



44.2014, 49.2236, 63.8409

Rectangle

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



50.2379, 49.2236, 61.4969



51.0954, 49.2236, 51.0888



43.4951, 49.2236, 46.4028



42.7251, 49.2236, 56.1842

Sweetspot

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



50.2393, 49.2257, 61.4980



92.3622, 95.0634, 108.0888



46.4616, 47.9526, 61.4513



19.6191, 20.0721, 23.0902



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.



50.2393, 49.2257, 61.4980



85.6674, 82.8351, 106.0814



49.9389, 49.1668, 57.1461



10.9689, 10.7577, 13.4158



18.4863, 8.7643, 35.4617



0.9077, 0.4317, 1.6806

Inverse Universe

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



48.8922, 48.7482, 51.6345



82.9647, 81.8785, 86.2228



48.8197, 54.7766, 55.7390



10.6785, 10.6548, 11.2903



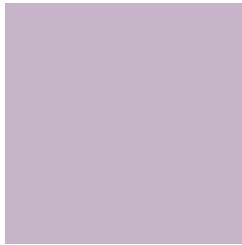
15.2478, 7.8487, 1.2490



0.7377, 0.3779, 0.1420

Previews

White Background



This preview shows how the XYZ color 50.2379, 49.2236, 61.4969 looks on a white background.

Color Contrast Check

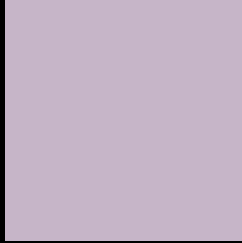
Large Text (above 18pt) WCAG AA × Fail

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 50.2379, 49.2236, 61.4969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

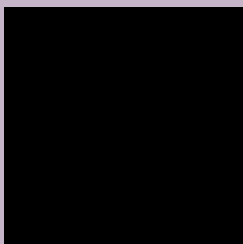
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

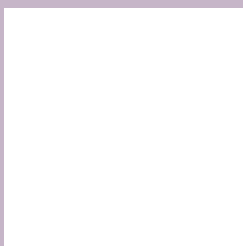
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.2379, 49.2236, 61.4969

Background



This preview shows how black text looks on a background with the XYZ color 50.2379, 49.2236, 61.4969.



This preview shows how white text looks on a background with the XYZ color 50.2379, 49.2236,

61.4969.

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

50.2379, 49.2236, 61.4969

Protanopia

48.1360, 49.3240, 63.4834

Deuteranopia

50.2379, 49.2236, 61.4969



Tritanopia

49.7177, 49.3117, 59.1223

Trichromacy



Original Color

50.2379, 49.2236, 61.4969

Protanomaly

49.0364, 49.4924, 62.8456

Deuteranomaly

50.2379, 49.2236, 61.4969

Tritanomaly

49.8320, 49.3574, 59.7238

Monochromacy



Original Color

50.2379, 49.2236, 61.4969

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.6016, 49.7102, 56.9026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2379, 49.2236, 61.4969 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(198, 181, 200)` looks like.

```
.text, #text, p{  
    color:rgb(198, 181, 200)  
}
```

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(198, 181, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 181, 200) }
```

Border

The CSS property to change the border of an element to XYZ 50.2379, 49.2236, 61.4969 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(198, 181, 200) }
```


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

```
.border{ border-color:rgb(198, 181, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 181, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 181, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 181, 200);  
box-shadow:4px 4px 4px 4px rgb(198, 181,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2379, 49.2236, 61.4969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 181, 200) }
```

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

```
.background{ background-color: rgb(198,  
181, 200) }
```

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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