

Converting Colors

XYZ(50.0126, 48.9859, 60.4362)

Have a look what the booklet for
XYZ(50.0126, 48.9859, 60.4362)
contains.

XYZ(50.0056, 49.1307, 60.2737)	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(50.0056, 49.1307,
60.2737)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B5C6
RGB	198, 181, 198
RGB Percent	78%, 71%, 78%
CMY	0.2235, 0.2902, 0.2235
CMYK	0.00, 0.09, 0.00, 0.22
HSL	300°, 13%, 74%
HSV	300°, 9%, 78%
XYZ	50.0056, 49.1307, 60.2737
YIQ	188.0210, 4.6750, 8.8910

Conversions

Conversions Part 2

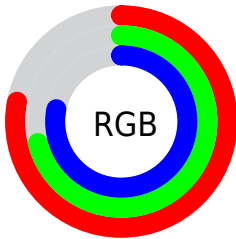
Format	Color
R_{YB}	198, 181, 198
Decimal	13022662
CIE Lab	75.53, 9.11, -6.40
CIE LCh	76, 11.131, 324.886
Yxy	49.1307, 0.3137, 0.3082
Android (android.graphics.Color)	4291212742 (0xFFC6B5C6)
YUV	188.0210, 4.9196, 8.7516
Hunter-Lab	70.0933, 4.6813, -1.9186

Details

The XYZ color **50.0056, 49.1307, 60.2737** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.5925, 53.5494, 51.5462**, and the grayscale version is **47.7842, 50.2726, 54.7469**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **24.2548, 23.3813, 29.6202** is the 20% darker color. If you saturate the color by 10%, you get **46.2629, 41.6445, 59.0267**, and if you desaturate by 10%, it is **54.3234, 57.7655, 61.7136**.

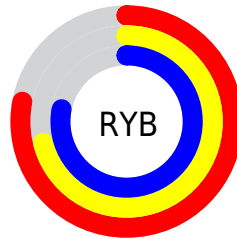
Distribution



Red (78%)

Green (71%)

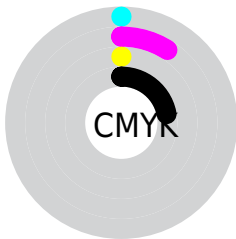
Blue (78%)



Red (78%)

Yellow (71%)

Blue (78%)

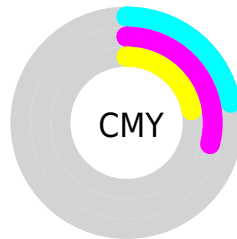


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (22%)



Cyan (22%)

Magenta (29%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0056, 49.1307, 60.2737 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 50.0056, 49.1307, 60.2737 by changing the saturation by 10% instead.

■ 50.0056, 49.1307,
60.2737

■ 50.0056, 49.1307,
60.2737

377.1395,
383.2566, 443.4385

■ 35.6357, 34.7232,
43.2125

■ 89.3749, 88.8855,
106.7739

■ 24.3217, 23.4497,
29.7193

115.1051,
115.0016, 137.0499

■ 15.6985, 14.9259,
19.3754

145.3526,
145.7894, 172.5681

■ 9.4005, 8.7674,
11.7623

180.4830,
181.6332, 213.7468

■ 5.0625, 4.5898,
6.4614

220.8615,
222.9174, 261.0047

■ 2.3191, 2.0086,
3.0544

266.8535,

■ 0.8044, 0.6125,

270.0265, 314.7602

1.1225

318.8244,
323.3447, 375.4320

■ 0.0000, 0.0000,
0.0000

■ 50.0056, 49.1307,
60.2737

■ 50.0056, 49.1307,
60.2737

■ 46.2629, 41.6445,
59.0267

■ 54.3234, 57.7655,
61.7136

■ 43.0668, 35.2524,
57.9613

■ 59.2345, 67.5877,
63.3506

■ 40.3932, 29.9053,
57.0701

■ 64.7617, 78.6421,
65.1930

■ 38.2143, 25.5475,
56.3438

■ 69.2422, 87.6032,
66.6866

■ 36.4998, 22.1184,
55.7723

■ 69.2422, 87.6032,
66.6866

■ 35.2159, 19.5507,
55.3443

■ 69.2423, 87.6032,
66.6866

■ 34.3246, 17.7679,
55.0471

■ 69.2423, 87.6032,
66.6866

■ 33.7808, 16.6804,
54.8659

■ 69.2423, 87.6032,
66.6867

■ 33.5126, 16.1441,
54.7765

■ 69.2423, 87.6032,
66.6867

Harmonies

Analogous

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



48.3803, 49.1307, 64.4344



50.0056, 49.1307, 60.2737



50.7456, 49.1307, 54.5103

Triad

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



50.0056, 49.1307, 60.2737



47.0504, 49.1307, 42.9940



43.2028, 49.1307, 58.4012

Complementary

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



50.0056, 49.1307, 60.2737



47.5925, 53.5494, 51.5462

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.



42.8701, 49.1307, 52.4924



50.0056, 49.1307, 60.2737



45.0537, 49.1307, 43.8695

Square

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



50.0056, 49.1307, 60.2737



49.0078, 49.1307, 44.7594



43.5381, 49.1307, 47.2446



44.4605, 49.1307, 63.2990

Rectangle

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



50.0056, 49.1307, 60.2737



50.6221, 49.1307, 50.6393



43.5381, 49.1307, 47.2446



42.9807, 49.1307, 56.4560

Sweetspot

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



50.0070, 49.1328, 60.2748



92.6579, 95.2158, 108.1026



45.7751, 46.9512, 60.0767



19.6993, 20.1134, 23.0940



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.



50.0070, 49.1328, 60.2748



87.4479, 84.7957, 106.3659



49.0539, 48.7516, 55.2554



11.0832, 10.8166, 13.4212



21.7740, 10.4592, 35.6154



1.0310, 0.4952, 1.6864

Inverse Universe

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



50.0070, 49.1328, 60.2748



87.4479, 84.7957, 106.3659



48.4915, 53.9091, 56.2805



11.0832, 10.8166, 13.4212



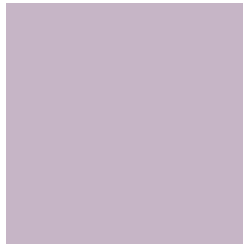
21.7740, 10.4592, 35.6154



1.0310, 0.4952, 1.6864

Previews

White Background



This preview shows how the XYZ color 50.0056, 49.1307, 60.2737 looks on a white background.

Color Contrast Check

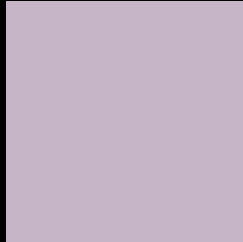
Large Text (above 18pt) WCAG AA × Fail

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 50.0056, 49.1307, 60.2737 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 50.0056, 49.1307, 60.2737

Background



This preview shows how black text looks on a background with the XYZ color 50.0056, 49.1307, 60.2737.



This preview shows how white text looks on a background with the XYZ color 50.0056, 49.1307,

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

50.0056, 49.1307, 60.2737

Protanopia

47.7819, 49.1823, 61.6183

Deuteranopia

50.2701, 49.2671, 60.2861



Tritanopia

49.7764, 49.0390, 59.0665

Trichromacy



Original Color

50.0056, 49.1307, 60.2737

Protanomaly

48.6845, 49.3517, 60.9927

Deuteranomaly

50.2701, 49.2671, 60.2861

Tritanomaly

49.8906, 49.0847, 59.6681

Monochromacy



Original Color

50.0056, 49.1307, 60.2737

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 50.0056, 49.1307, 60.2737 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, 198)` looks like.

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

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, 198) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 50.0056, 49.1307, 60.2737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

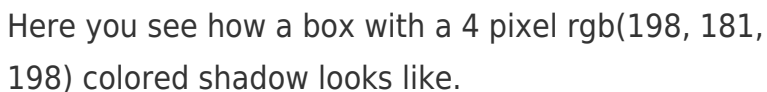
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 181, 198) }
```


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

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

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, 198)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 50.0056, 49.1307, 60.2737 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, 198) }
```

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor