

Converting Colors

XYZ(49.6119, 50.3547, 51.3606)

Have a look what the booklet for
XYZ(49.6119, 50.3547, 51.3606)
contains.

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Color

**XYZ(49.6119, 50.3547,
51.3606)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B9B6
RGB	200, 185, 182
RGB Percent	78%, 73%, 71%
CMY	0.2157, 0.2745, 0.2863
CMYK	0.00, 0.07, 0.09, 0.22
HSL	10°, 14%, 75%
HSV	10°, 9%, 78%
XYZ	49.6119, 50.3547, 51.3606
YIQ	189.1430, 9.9030, 2.2470

Conversions

Conversions Part 2

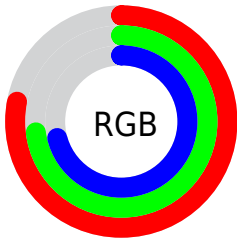
Format	Color
R _Y B	200, 186, 182
Decimal	13154742
CIE Lab	76.29, 4.79, 3.43
CIE LCh	76, 5.893, 35.562
Yxy	50.3547, 0.3278, 0.3328
Android (android.graphics.Color)	4291344822 (0xFFC8B9B6)
YUV	189.1430, -3.5215, 9.5216
Hunter-Lab	70.9610, 0.6151, 6.7595

Details

The XYZ color **49.6119, 50.3547, 51.3606** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6829, 54.0468, 62.4577**, and the grayscale version is **48.4683, 50.9925, 55.5308**.

A 20% lighter version of the original color is **88.1279, 90.3436, 93.6821**, and **24.0678, 24.1985, 24.1711** is the 20% darker color. If you saturate the color by 10%, you get **44.4072, 43.0199, 40.1462**, and if you desaturate by 10%, it is **55.5232, 58.6291, 64.2682**.

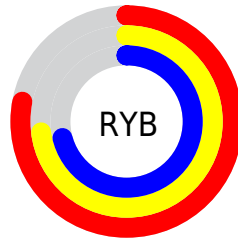
Distribution



Red (78%)

Green (73%)

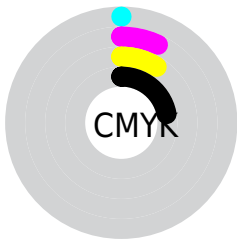
Blue (71%)



Red (78%)

Yellow (73%)

Blue (71%)

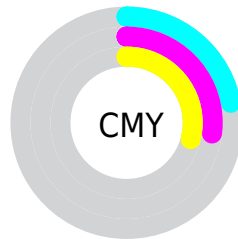


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (22%)



Cyan (22%)


Magenta (27%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.6119, 50.3547, 51.3606 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 49.6119, 50.3547, 51.3606 by changing the saturation by 10% instead.


 49.6119, 50.3547,
51.3606

 49.6119, 50.3547,
51.3606


375.6234,
388.0514, 408.8497

 35.3217, 35.6953,
36.1170


 88.7949, 90.7002,
93.6045

 24.0784, 24.1990,
24.2341


114.4183,
117.1551, 121.4419

 15.5169, 15.4813,
15.2936


144.5501,
148.3106, 154.3142

 9.2716, 9.1579,
8.8768

179.5558,
184.5512, 192.6401

 4.9773, 4.8443,
4.5652

219.8006,
226.2611, 236.8380

 2.2686, 2.1562,
1.9402

265.6499,

 0.7785, 0.6960,

273.8249, 287.3266

0.5182

317.4690,
327.6268, 344.5243

■ 0.0000, 0.0000,
0.0000

■ 49.6119, 50.3547,
51.3606

■ 49.6119, 50.3547,
51.3606

■ 44.4072, 43.0199,
40.1462

■ 55.5232, 58.6291,
64.2682

■ 39.8785, 36.5850,
30.5514

■ 62.1619, 67.8679,
78.9319

■ 35.9989, 31.0172,
22.5023

■ 69.5534, 78.1032,
95.4153

■ 32.7382, 26.2791,
15.9175

■ 76.5722, 88.9045,
107.7322

■ 30.0637, 22.3308,
10.7086

■ 77.6297, 91.0195,
108.0847

■ 27.9399, 19.1287,
6.7772

■ 26.3269, 16.6252,
4.0120

■ 25.1793, 14.7669,
2.2823

■ 24.4328, 13.4883,
1.3732

Harmonies

Analogous

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



50.0090, 50.3547, 54.2394



49.6119, 50.3547, 51.3606



48.7460, 50.3547, 49.4666

Triad

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



49.6119, 50.3547, 51.3606



45.9501, 50.3547, 52.3459



48.0671, 50.3547, 61.1170

Complementary

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



49.6119, 50.3547, 51.3606



49.6829, 54.0468, 62.4577

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.



46.9860, 50.3547, 60.5628



49.6119, 50.3547, 51.3606



45.7746, 50.3547, 55.4203

Square

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



49.6119, 50.3547, 51.3606



46.6342, 50.3547, 50.0200



46.1511, 50.3547, 58.4474



49.1084, 50.3547, 59.9340

Rectangle

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



49.6119, 50.3547, 51.3606



48.0254, 50.3547, 48.9757



46.1511, 50.3547, 58.4474



47.6962, 50.3547, 61.1282

Sweetspot

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



49.6133, 50.3569, 51.3617



91.8429, 95.5177, 101.8753



50.6261, 49.7672, 59.7617



19.4789, 20.1939, 21.4137



0.0000, 0.0000, 0.0000



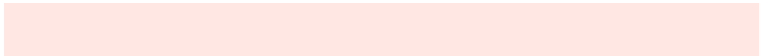
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.6133, 50.3569, 51.3617



83.8509, 84.3087, 84.4907



51.5554, 54.2410, 52.0090



10.7745, 10.9182, 11.1023



15.5425, 8.6022, 0.8412



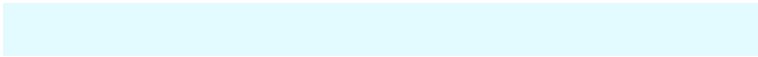
0.7818, 0.4990, 0.0551

Inverse Universe

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



49.6829, 54.0468, 62.4577



83.9978, 92.1127, 107.9601



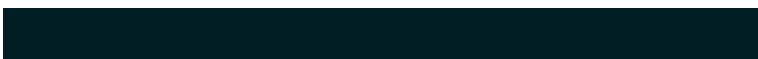
47.7007, 50.0824, 61.7970



10.7903, 11.7546, 13.6177



15.4284, 20.2508, 37.8400



0.7717, 1.0411, 1.8054

Previews

White Background



This preview shows how the XYZ color 49.6119, 50.3547, 51.3606 looks on a white background.

Color Contrast Check

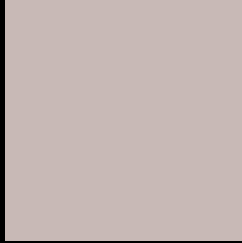
Large Text (above 18pt) WCAG AA × Fail

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 49.6119, 50.3547, 51.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

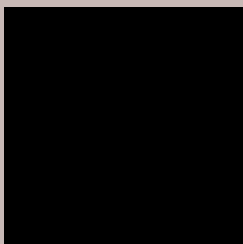
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

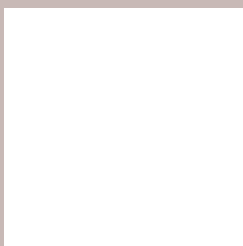
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.6119, 50.3547, 51.3606

Background



This preview shows how black text looks on a background with the XYZ color 49.6119, 50.3547, 51.3606.



This preview shows how white text looks on a background with the XYZ color 49.6119, 50.3547,

51.3606.

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

49.6119, 50.3547, 51.3606

Protanopia

48.3099, 50.2970, 51.9618

Deuteranopia

51.2876, 50.2847, 51.8025



Tritanopia

51.3687, 50.4547, 59.8546

Trichromacy



Original Color

49.6119, 50.3547, 51.3606

Protanomaly

48.8711, 50.2725, 51.9275

Deuteranomaly

50.6576, 50.2650, 51.8319

Tritanomaly

50.7423, 50.5043, 56.9431

Monochromacy



Original Color

49.6119, 50.3547, 51.3606

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.8385, 50.8491, 53.6952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6119, 50.3547, 51.3606 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(200, 185, 182) looks like.

```
.text, #text, p{  
    color:rgb(200, 185, 182)  
}
```

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(200, 185, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 185, 182) }
```

Border

The CSS property to change the border of an element to XYZ 49.6119, 50.3547, 51.3606 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(200, 185, 182) }
```


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

```
.border{ border-color:rgb(200, 185, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 185, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 185, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 185, 182);  
box-shadow:4px 4px 4px 4px rgb(200, 185,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6119, 50.3547, 51.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 185, 182) }
```

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

```
.background{ background-color: rgb(200,  
185, 182) }
```

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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