

Converting Colors

XYZ(51.7761, 49.7867, 62.8741)

Have a look what the booklet for
XYZ(51.7761, 49.7867, 62.8741)
contains.

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Color

**XYZ(51.6105, 49.6033,
62.7313)**

Conversions

Conversions Part 1

Format	Color
Hex	CBB4CA
RGB	203, 180, 202
RGB Percent	80%, 71%, 79%
CMY	0.2039, 0.2941, 0.2078
CMYK	0.00, 0.11, 0.00, 0.20
HSL	303°, 18%, 75%
HSV	303°, 11%, 80%
XYZ	51.6105, 49.6033, 62.7313
YIQ	189.3850, 6.6460, 11.7180

Conversions

Conversions Part 2

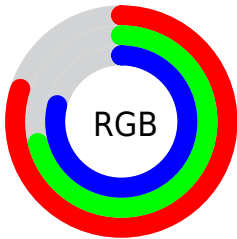
Format	Color
R _Y B	203, 180, 202
Decimal	13350090
CIE Lab	75.83, 12.12, -8.10
CIE LCh	76, 14.576, 326.237
Yxy	49.6033, 0.3148, 0.3026
Android (android.graphics.Color)	4291540170 (0xFFCBB4CA)
YUV	189.3850, 6.2192, 11.9404
Hunter-Lab	70.4296, 7.5522, -3.5086

Details

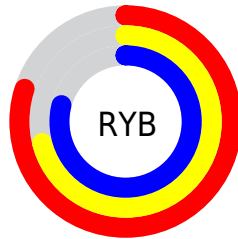
The XYZ color **51.6105, 49.6033, 62.7313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.5207, 55.7527, 51.9227**, and the grayscale version is **48.5542, 51.0828, 55.6292**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **25.3291, 23.7064, 31.2578** is the 20% darker color. If you saturate the color by 10%, you get **47.7051, 41.9586, 60.9158**, and if you desaturate by 10%, it is **56.1196, 58.4529, 64.7521**.

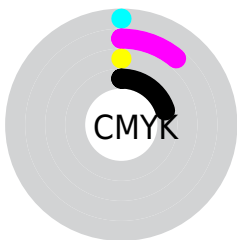
Distribution



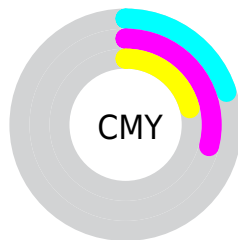
- Red (80%)
- Green (71%)
- Blue (79%)



- Red (80%)
- Yellow (71%)
- Blue (79%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6105, 49.6033, 62.7313 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 51.6105, 49.6033, 62.7313 by changing the saturation by 10% instead.

■ 51.6105, 49.6033,
62.7313

■ 51.6105, 49.6033,
62.7313

383.2798,
385.1126, 452.6747

■ 36.9177, 35.0983,
45.1843

■ 91.7342, 89.5868,
110.3636

■ 25.3172, 23.7386,
31.2586

117.8958,
115.8341, 141.2859

■ 16.4435, 15.1398,
20.5357

148.6111,
146.7643, 177.5038

■ 9.9314, 8.9176,
12.5971

184.2454,
182.7618, 219.4357

■ 5.4154, 4.6875,
7.0243

225.1640,
224.2110, 267.5002

■ 2.5302, 2.0651,
3.3986

271.7324,

■ 0.9105, 0.6449,

271.4963, 322.1159

1.3016

324.3159,
325.0020, 383.7012

■ 0.0000, 0.0000,
0.0631

■ 0.0000, 0.0000,
0.0000

■ 51.6105, 49.6033,
62.7313

■ 51.6105, 49.6033,
62.7313

■ 47.7051, 41.9586,
60.9158

■ 56.1196, 58.4529,
64.7521

■ 44.3731, 35.4604,
59.2938

■ 61.2523, 68.5497,
66.9833

■ 41.5880, 30.0551,
57.8570

■ 67.0333, 79.9420,
69.4334

■ 39.3196, 25.6823,
56.5955

■ 71.4728, 88.6502,
71.4393

37.5347, 22.2756,
55.4980

71.5800, 88.6931,
72.0042

36.1965, 19.7611,
54.5523

71.6879, 88.7363,
72.5722

35.2625, 18.0542,
53.7443

71.7964, 88.7797,
73.1434

34.6822, 17.0539,
53.0571

71.9054, 88.8233,
73.7177

34.3860, 16.5995,
52.5325

72.0151, 88.8672,
74.2953

Harmonies

Analogous

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



49.4868, 49.6033, 68.5251



51.6105, 49.6033, 62.7313



52.5371, 49.6033, 54.9945

Triad

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



51.6105, 49.6033, 62.7313



47.4891, 49.6033, 40.4502



42.6271, 49.6033, 60.8762

Complementary

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



51.6105, 49.6033, 62.7313



48.5207, 55.7527, 51.9227

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.



42.1377, 49.6033, 53.0364



51.6105, 49.6033, 62.7313



44.8811, 49.6033, 41.7039

Square

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



51.6105, 49.6033, 62.7313



50.1008, 49.6033, 42.5333



42.9475, 49.6033, 46.1362



44.3105, 49.6033, 67.3841

Rectangle

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



51.6105, 49.6033, 62.7313



52.3262, 49.6033, 49.9451



42.9475, 49.6033, 46.1362



42.3203, 49.6033, 58.2888

Sweetspot

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



51.6120, 49.6054, 62.7324



92.6044, 95.1944, 107.8208



46.1043, 46.7524, 63.0948



19.6847, 20.1076, 23.0175



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.



51.6120, 49.6054, 62.7324



84.4509, 79.2001, 104.1388



50.3261, 49.0911, 55.9613



11.6657, 11.3950, 14.0399



21.8918, 10.5673, 33.4787



1.1361, 0.5478, 1.7623

Inverse Universe

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



51.6120, 49.6054, 62.7324



84.4509, 79.2001, 104.1388



49.7241, 56.2340, 58.2594



11.6657, 11.3950, 14.0399



21.8918, 10.5673, 33.4787



1.1361, 0.5478, 1.7623

Previews

White Background



This preview shows how the XYZ color 51.6105, 49.6033, 62.7313 looks on a white background.

Color Contrast Check

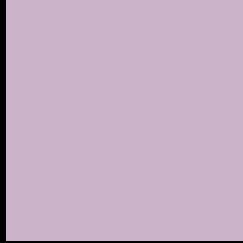
Large Text (above 18pt) WCAG AA × Fail

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 51.6105, 49.6033, 62.7313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

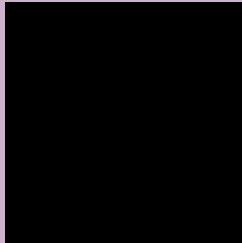
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.6105, 49.6033, 62.7313

Background



This preview shows how black text looks on a background with the XYZ color 51.6105, 49.6033, 62.7313.



This preview shows how white text looks on a background with the XYZ color 51.6105, 49.6033,

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

51.6105, 49.6033, 62.7313

Protanopia

48.7071, 49.8883, 65.4548

Deuteranopia

50.6773, 49.7259, 62.8042



Tritanopia

50.7313, 49.5444, 58.5190

Trichromacy



Original Color

51.6105, 49.6033, 62.7313

Protanomaly

49.8982, 49.8952, 64.7584

Deuteranomaly

51.0040, 49.5914, 62.7610

Tritanomaly

51.0740, 49.6815, 60.3237

Monochromacy



Original Color

51.6105, 49.6033, 62.7313

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.5446, 50.4822, 58.1717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6105, 49.6033, 62.7313 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(203, 180, 202)` looks like.

```
.text, #text, p{  
    color:rgb(203, 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(203, 180, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 180, 202) }
```

Border

The CSS property to change the border of an element to XYZ 51.6105, 49.6033, 62.7313 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(203, 180, 202) }
```


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

```
.border{ border-color:rgb(203, 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(203, 180, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 180, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 180, 202);  
box-shadow:4px 4px 4px 4px rgb(203, 180,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6105, 49.6033, 62.7313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 180, 202) }
```

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

```
.background{ background-color: rgb(203,  
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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