

Converting Colors

XYZ(50.3458, 51.6127, 57.3793)

Have a look what the booklet for
XYZ(50.3458, 51.6127, 57.3793)
contains.

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Color

**XYZ(50.2626, 51.5080,
57.1621)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BCC0
RGB	196, 188, 192
RGB Percent	77%, 74%, 75%
CMY	0.2314, 0.2627, 0.2471
CMYK	0.00, 0.04, 0.02, 0.23
HSL	330°, 6%, 75%
HSV	330°, 4%, 77%
XYZ	50.2626, 51.5080, 57.1621
YIQ	190.8480, 3.4840, 2.9400

Conversions

Conversions Part 2

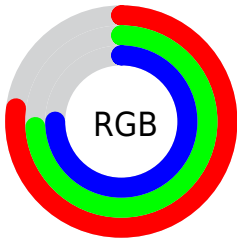
Format	Color
R _Y B	196, 188, 192
Decimal	12893376
CIE Lab	76.99, 3.53, -1.02
CIE LCh	77, 3.677, 343.874
Yxy	51.5080, 0.3163, 0.3241
Android (android.graphics.Color)	4291083456 (0xFFC4BCC0)
YUV	190.8480, 0.5679, 4.5183
Hunter-Lab	71.7691, -0.5856, 3.0155

Details

The XYZ color **50.2626, 51.5080, 57.1621** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.9953, 53.9783, 57.6557**, and the grayscale version is **49.4298, 52.0040, 56.6324**.

A 20% lighter version of the original color is **89.8020, 92.3613, 101.9014**, and **24.4795, 24.9428, 27.9503** is the 20% darker color. If you saturate the color by 10%, you get **45.3066, 43.2764, 50.3282**, and if you desaturate by 10%, it is **55.8625, 60.9103, 64.5690**.

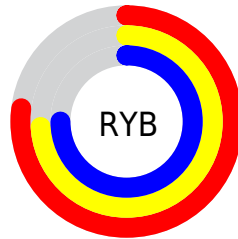
Distribution



Red (77%)

Green (74%)

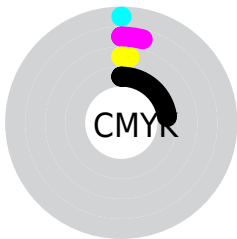
Blue (75%)



Red (77%)

Yellow (74%)

Blue (75%)

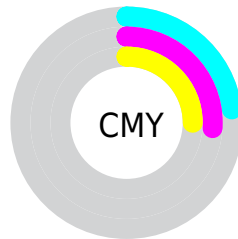


Cyan (0%)

Magenta (4%)

Yellow (2%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2626, 51.5080, 57.1621 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 50.2626, 51.5080, 57.1621 by changing the saturation by 10% instead.

■ 50.2626, 51.5080,
57.1621

■ 50.2626, 51.5080,
57.1621

378.1270,
392.5343, 431.5672

■ 35.8407, 36.6131,
40.7252

■ 89.7533, 92.4052,
102.2044

■ 24.4808, 24.9080,
27.7863

115.5529,
119.1763, 131.6468

■ 15.8173, 16.0086,
17.9270

145.8758,
150.6749, 166.2614

■ 9.4850, 9.5302,
10.7287

181.0873,
187.2854, 206.4668

■ 5.1185, 5.0886,
5.7728

221.5529,
229.3922, 252.6816

■ 2.3524, 2.2993,
2.6409

267.6377,

■ 0.8213, 0.7734,

277.3797, 305.3242

0.9135

319.7073,
331.6322, 364.8132

■ 0.0000, 0.0000,
0.0000

■ 50.2626, 51.5080,
57.1621

■ 50.2626, 51.5080,
57.1621

■ 45.3066, 43.2764,
50.3282

■ 55.8625, 60.9103,
64.5690

■ 40.9660, 36.1627,
44.0490

■ 62.1249, 71.5201,
72.5598

■ 37.2166, 30.1200,
38.3099

■ 69.0728, 83.3808,
81.1494

■ 34.0306, 25.0954,
33.0943

■ 72.9798, 89.0377,
89.1020

■ 31.3783, 21.0316,
28.3848

■ 74.4056, 89.6081,
96.6104

■ 29.2267, 17.8653,
24.1625

■ 75.9103, 90.2100,
104.5340

■ 27.5391, 15.5259,
20.4069

■ 76.5752, 90.4759,
108.0354

■ 26.2734, 13.9317,
17.0956

■ 25.3787, 12.9841,
14.2028

Harmonies

Analogous

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



49.8966, 51.5080, 58.9114



50.2626, 51.5080, 57.1621



50.2766, 51.5080, 55.1633

Triad

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



50.2626, 51.5080, 57.1621



48.6344, 51.5080, 52.4201



47.9919, 51.5080, 58.8006

Complementary

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



50.2626, 51.5080, 57.1621



49.9953, 53.9783, 57.6557

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.



47.6604, 51.5080, 57.0138



50.2626, 51.5080, 57.1621



48.0289, 51.5080, 53.3475

Square

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



50.2626, 51.5080, 57.1621



49.3320, 51.5080, 52.4576



47.6738, 51.5080, 55.0185



48.5835, 51.5080, 59.8727

Rectangle

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



50.2626, 51.5080, 57.1621



50.0840, 51.5080, 53.9601



47.6738, 51.5080, 55.0185



47.8466, 51.5080, 58.2618

Sweetspot

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



50.2641, 51.5102, 57.1632



94.0372, 98.3019, 107.5526



49.6872, 51.1609, 59.4815



20.1385, 21.0585, 23.0349



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.



50.2641, 51.5102, 57.1632



90.1066, 91.7292, 102.2704



49.8271, 51.3354, 54.8622



10.6876, 10.8408, 12.1169



16.0863, 8.1243, 8.3665



0.7298, 0.3649, 0.5447

Inverse Universe

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



50.2641, 51.5102, 57.1632



90.1066, 91.7292, 102.2704



50.4443, 54.1579, 60.0201



10.6876, 10.8408, 12.1169



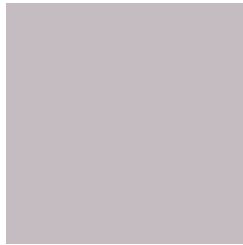
16.0863, 8.1243, 8.3665



0.7298, 0.3649, 0.5447

Previews

White Background



This preview shows how the XYZ color 50.2626, 51.5080, 57.1621 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 50.2626, 51.5080, 57.1621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

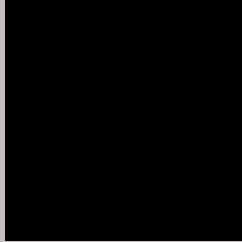
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2626, 51.5080, 57.1621

Background



This preview shows how black text looks on a background with the XYZ color 50.2626, 51.5080, 57.1621.

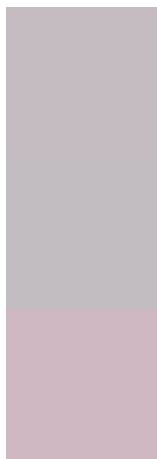


This preview shows how white text looks on a background with the XYZ color 50.2626, 51.5080,

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

50.2626, 51.5080, 57.1621

Protanopia

49.8156, 51.5829, 57.7830

Deuteranopia

52.4983, 51.3966, 57.6057



Tritanopia

51.3389, 51.6280, 62.5177

Trichromacy



Original Color

50.2626, 51.5080, 57.1621

Protanomaly

50.0714, 51.7148, 57.7950

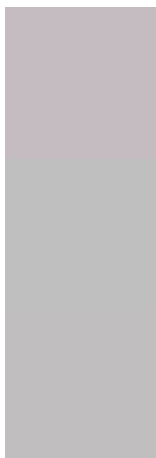
Deuteranomaly

51.6032, 51.2447, 57.6235

Tritanomaly

50.9893, 51.4882, 60.6769

Monochromacy



Original Color

50.2626, 51.5080, 57.1621

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.8097, 51.9260, 56.6877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2626, 51.5080, 57.1621 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(196, 188, 192) looks like.

```
.text, #text, p{  
    color:rgb(196, 188, 192)  
}
```

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(196, 188, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 188, 192) }
```

Border

The CSS property to change the border of an element to XYZ 50.2626, 51.5080, 57.1621 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(196, 188, 192) }
```


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

```
.border{ border-color:rgb(196, 188, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 188, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 188, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 188, 192);  
box-shadow:4px 4px 4px 4px rgb(196, 188,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2626, 51.5080, 57.1621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 188, 192) }
```

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

```
.background{ background-color: rgb(196,  
188, 192) }
```

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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