

Converting Colors

XYZ(50.1886, 51.7539, 56.4591)

Have a look what the booklet for
XYZ(50.1886, 51.7539, 56.4591)
contains.

XYZ(50.3665, 51.8925, 56.6519)	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(50.3665, 51.8925,
56.6519)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BDBF
RGB	196, 189, 191
RGB Percent	77%, 74%, 75%
CMY	0.2314, 0.2588, 0.2510
CMYK	0.00, 0.04, 0.03, 0.23
HSL	343°, 6%, 75%
HSV	343°, 4%, 77%
XYZ	50.3665, 51.8925, 56.6519
YIQ	191.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

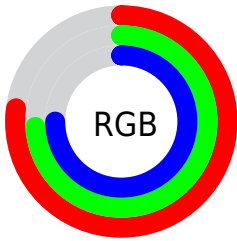
Format	Color
R _Y B	196, 189, 191
Decimal	12893631
CIE Lab	77.22, 2.82, -0.14
CIE LCh	77, 2.819, 357.115
Yxy	51.8925, 0.3169, 0.3266
Android (android.graphics.Color)	4291083711 (0xFFC4BDBF)
YUV	191.3210, -0.1583, 4.1035
Hunter-Lab	72.0364, -1.2600, 3.7979

Details

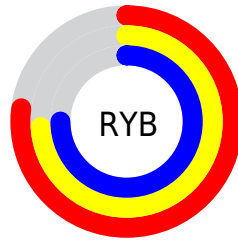
The XYZ color **50.3665, 51.8925, 56.6519** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4657, 54.1950, 58.8424**, and the grayscale version is **49.7082, 52.2969, 56.9513**.

A 20% lighter version of the original color is **89.9489, 92.9029, 101.1869**, and **24.5469, 25.1941, 27.6139** is the 20% darker color. If you saturate the color by 10%, you get **44.9639, 43.4367, 47.6066**, and if you desaturate by 10%, it is **56.4892, 61.5513, 66.6658**.

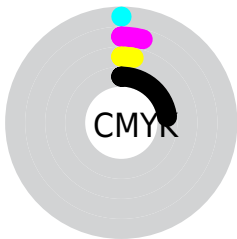
Distribution



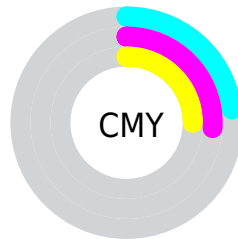
- Red (77%)
- Green (74%)
- Blue (75%)



- Red (77%)
- Yellow (74%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (23%)



- Cyan (23%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3665, 51.8925, 56.6519 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 50.3665, 51.8925, 56.6519 by changing the saturation by 10% instead.

■ 50.3665, 51.8925,
56.6519

■ 50.3665, 51.8925,
56.6519

378.5258,
394.0215, 429.6008

■ 35.9237, 36.9194,
40.3183

■ 89.9062, 92.9727,
101.4524

■ 24.5451, 25.1451,
27.4712

115.7339,
119.8485, 130.7564

■ 15.8654, 16.1852,
17.6918

146.0872,
151.4608, 165.2209

■ 9.5192, 9.6553,
10.5618

181.3315,
188.1938, 205.2645

■ 5.1412, 5.1710,
5.6626

221.8321,
230.4320, 251.3058

■ 2.3659, 2.3479,
2.5756

267.9545,

■ 0.8281, 0.7989,

278.5597, 303.7632

0.8798

320.0639,
332.9614, 363.0554

■ 0.0000, 0.0000,
0.0000

■ 50.3665, 51.8925,
56.6519

■ 50.3665, 51.8925,
56.6519

■ 44.9639, 43.4367,
47.6066

■ 56.4892, 61.5513,
66.6658

■ 40.2503, 36.1302,
39.4974

■ 63.3531, 72.4507,
77.6729

■ 36.1985, 29.9249,
32.2946

■ 70.9836, 84.6352,
89.7012

■ 32.7781, 24.7672,
25.9657

■ 75.3179, 89.9730,
101.4143

■ 29.9560, 20.5985,
20.4764

■ 76.5753, 90.4759,
108.0354

■ 27.6962, 17.3547,
15.7898

■ 25.9584, 14.9640,
11.8661

■ 24.6968, 13.3437,
8.6616

■ 23.8567, 12.3947,
6.1276

Harmonies

Analogous

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



50.1993, 51.8925, 58.1320



50.3665, 51.8925, 56.6519



50.2522, 51.8925, 55.1576

Triad

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



50.3665, 51.8925, 56.6519



48.8506, 51.8925, 53.8965



48.7607, 51.8925, 59.0361

Complementary

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



50.3665, 51.8925, 56.6519



50.4657, 54.1950, 58.8424

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.



48.4039, 51.8925, 57.8682



50.3665, 51.8925, 56.6519



48.4555, 51.8925, 54.9030

Square

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



50.3665, 51.8925, 56.6519



49.3745, 51.8925, 53.5841



48.2926, 51.8925, 56.3526



49.2700, 51.8925, 59.5242

Rectangle

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



50.3665, 51.8925, 56.6519



50.0322, 51.8925, 54.3512



48.2926, 51.8925, 56.3526



48.6191, 51.8925, 58.7090

Sweetspot

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



50.3680, 51.8947, 56.6530



93.9499, 98.2670, 107.0928



50.3856, 51.8391, 59.5756



20.1207, 21.0514, 22.9413



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.



50.3680, 51.8947, 56.6530



90.7304, 93.2032, 101.7801



50.4521, 52.4124, 55.6042



10.7463, 10.9978, 12.0143



15.1177, 7.7368, 3.2657



0.6838, 0.3465, 0.3025

Inverse Universe

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



50.3680, 51.8947, 56.6530



90.7304, 93.2032, 101.7801



50.3774, 53.6570, 59.9269



10.7463, 10.9978, 12.0143



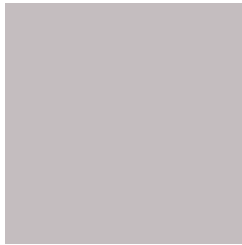
15.1177, 7.7368, 3.2657



0.6838, 0.3465, 0.3025

Previews

White Background



This preview shows how the XYZ color 50.3665, 51.8925, 56.6519 looks on a white background.

Color Contrast Check

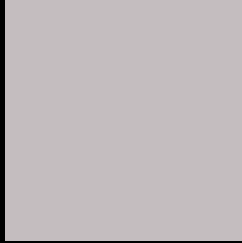
Large Text (above 18pt) WCAG AA × Fail

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 50.3665, 51.8925, 56.6519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

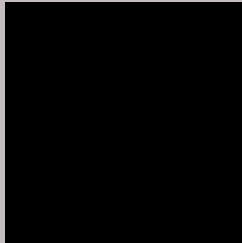
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

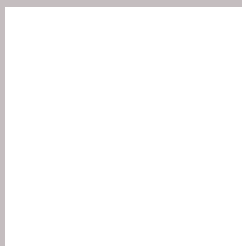
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.3665, 51.8925, 56.6519

Background



This preview shows how black text looks on a background with the XYZ color 50.3665, 51.8925, 56.6519.

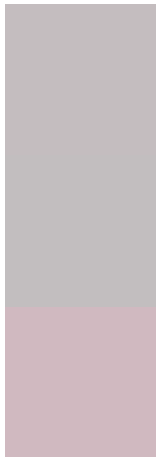


This preview shows how white text looks on a background with the XYZ color 50.3665, 51.8925,

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

50.3665, 51.8925, 56.6519

Protanopia

50.0656, 52.0578, 56.6996

Deuteranopia

52.8758, 51.9136, 57.1026



Tritanopia

51.7197, 51.8107, 63.1517

Trichromacy



Original Color

50.3665, 51.8925, 56.6519

Protanomaly

50.3231, 52.1906, 56.7117

Deuteranomaly

51.9752, 51.7610, 57.1206

Tritanomaly

51.2022, 51.9140, 60.7478

Monochromacy



Original Color

50.3665, 51.8925, 56.6519

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 50.3665, 51.8925, 56.6519 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, 189, 191)` looks like.

```
.text, #text, p{  
    color:rgb(196, 189, 191)  
}
```

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, 189, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 189, 191) }
```

Border

The CSS property to change the border of an element to XYZ 50.3665, 51.8925, 56.6519 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, 189, 191) }
```


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

```
.border{ border-color:rgb(196, 189, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 189, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 189, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 189, 191);  
box-shadow:4px 4px 4px 4px rgb(196, 189,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3665, 51.8925, 56.6519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 189, 191) }
```

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

```
.background{ background-color: rgb(196,  
189, 191) }
```

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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