

Converting Colors

XYZ(50.7320, 51.1918, 56.7550)

Have a look what the booklet for
XYZ(50.7320, 51.1918, 56.7550)
contains.

XYZ(50.5161, 51.0215, 56.4759)	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(50.5161, 51.0215,
56.4759)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BABF
RGB	199, 186, 191
RGB Percent	78%, 73%, 75%
CMY	0.2196, 0.2706, 0.2510
CMYK	0.00, 0.07, 0.04, 0.22
HSL	337°, 10%, 75%
HSV	337°, 7%, 78%
XYZ	50.5161, 51.0215, 56.4759
YIQ	190.4570, 6.1430, 4.3110

Conversions

Conversions Part 2

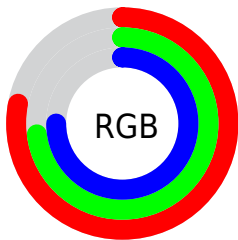
Format	Color
R_{YB}	199, 186, 191
Decimal	13089471
CIE Lab	76.69, 5.48, -0.88
CIE LCh	77, 5.547, 350.878
Yxy	51.0215, 0.3197, 0.3229
Android (android.graphics.Color)	4291279551 (0xFFC7BABF)
YUV	190.4570, 0.2677, 7.4922
Hunter-Lab	71.4293, 1.2370, 3.1227

Details

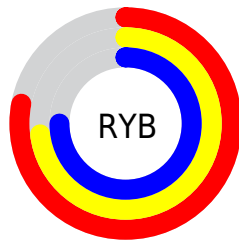
The XYZ color **50.5161, 51.0215, 56.4759** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4127, 55.1824, 59.0359**, and the grayscale version is **49.2043, 51.7668, 56.3740**.

A 20% lighter version of the original color is **89.7806, 91.4797, 100.9211**, and **24.6520, 24.6298, 27.4995** is the 20% darker color. If you saturate the color by 10%, you get **45.3204, 42.6974, 48.3692**, and if you desaturate by 10%, it is **56.4113, 60.5628, 65.3733**.

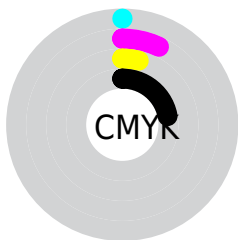
Distribution



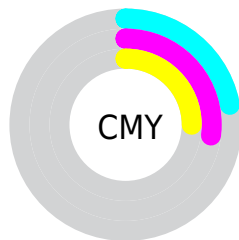
- Red (78%)
- Green (73%)
- Blue (75%)



- Red (78%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (22%)





- Cyan (22%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5161, 51.0215, 56.4759 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 50.5161, 51.0215, 56.4759 by changing the saturation by 10% instead.

 50.5161, 51.0215,
56.4759

 50.5161, 51.0215,
56.4759


379.0995,
390.6473, 428.9211

 36.0431, 36.2257,
40.1781

 90.1263, 91.6866,
101.1928

 24.6378, 24.6086,
27.3626


115.9943,
118.3246, 130.4489

 15.9347, 15.7857,
17.6109


146.3913,
149.6789, 164.8615

 9.5685, 9.3726,
10.5044

181.6827,
186.1338, 204.8492

 5.1739, 4.9850,
5.6247

222.2339,
228.0737, 250.8304

 2.3854, 2.2385,
2.5532

268.4102,

 0.8379, 0.7408,

275.8830, 303.2238

0.8681

320.5769,
329.9460, 362.4479

■ 0.0000, 0.0000,
0.0000

■ 50.5161, 51.0215,
56.4759

■ 50.5161, 51.0215,
56.4759

■ 45.3204, 42.6974,
48.3692

■ 56.4113, 60.5628,
65.3733

■ 40.7931, 35.5348,
41.0275

■ 63.0270, 71.3610,
75.0795

■ 36.9072, 29.4835,
34.4283

■ 70.3885, 83.4621,
85.6164

■ 33.6321, 24.4870,
28.5466

■ 75.0415, 89.9535,
95.8447

■ 30.9345, 20.4838,
23.3562

■ 76.9236, 90.7063,
105.7554

■ 28.7779, 17.4059,
18.8288

■ 77.3635, 90.8823,
108.0723

■ 27.1212, 15.1769,
14.9337

■ 25.9171, 13.7076,
11.6373

■ 25.1046, 12.8826,
8.9004

Harmonies

Analogous

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



50.0783, 51.0215, 59.2842



50.5161, 51.0215, 56.4759



50.4062, 51.0215, 53.5177

Triad

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



50.5161, 51.0215, 56.4759



47.7782, 51.0215, 50.3224



47.2311, 51.0215, 60.1633

Complementary

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



50.5161, 51.0215, 56.4759



50.4127, 55.1824, 59.0359

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.



46.6316, 51.0215, 57.6408



50.5161, 51.0215, 56.4759



46.9443, 51.0215, 51.9832

Square

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



50.5161, 51.0215, 56.4759



48.8153, 51.0215, 50.0359



46.5274, 51.0215, 54.6417



48.1749, 51.0215, 61.4630

Rectangle

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



50.5161, 51.0215, 56.4759



50.0377, 51.0215, 51.8534



46.5274, 51.0215, 54.6417



46.9832, 51.0215, 59.4260

Sweetspot

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



50.5175, 51.0237, 56.4770



92.9432, 96.5885, 105.7246



50.0664, 50.6866, 61.1784



19.9157, 20.7097, 22.6628



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.



50.5175, 51.0237, 56.4770



86.9276, 86.8853, 96.5426



50.2519, 51.3576, 53.7214



10.7998, 10.7033, 11.9291



16.0353, 8.1637, 5.3958



0.7945, 0.4007, 0.4412

Inverse Universe

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



50.5175, 51.0237, 56.4770



86.9276, 86.8853, 96.5426



50.6857, 54.8152, 61.9426



10.7998, 10.7033, 11.9291



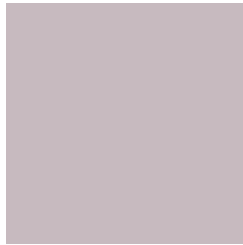
16.0353, 8.1637, 5.3958



0.7945, 0.4007, 0.4412

Previews

White Background



This preview shows how the XYZ color 50.5161, 51.0215, 56.4759 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 50.5161, 51.0215, 56.4759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

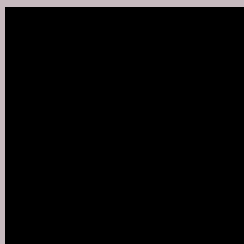
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5161, 51.0215, 56.4759

Background



This preview shows how black text looks on a background with the XYZ color 50.5161, 51.0215, 56.4759.



This preview shows how white text looks on a background with the XYZ color 50.5161, 51.0215,

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

50.5161, 51.0215, 56.4759

Protanopia

49.2359, 50.9787, 57.1140

Deuteranopia

51.9015, 50.7946, 56.9380



Tritanopia

51.4772, 51.1008, 61.1831

Trichromacy



Original Color

50.5161, 51.0215, 56.4759

Protanomaly

49.7904, 50.9485, 57.0790

Deuteranomaly

51.2835, 50.7833, 56.9684

Tritanomaly

51.1322, 50.9628, 59.3664

Monochromacy



Original Color

50.5161, 51.0215, 56.4759

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.4842, 51.4504, 56.0380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5161, 51.0215, 56.4759 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(199, 186, 191)` looks like.

```
.text, #text, p{  
    color:rgb(199, 186, 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(199, 186, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 186, 191) }
```

Border

The CSS property to change the border of an element to XYZ 50.5161, 51.0215, 56.4759 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(199, 186, 191) }
```


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

```
.border{ border-color:rgb(199, 186, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 186, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 186, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 186, 191);  
box-shadow:4px 4px 4px 4px rgb(199, 186,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5161, 51.0215, 56.4759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 186, 191) }
```

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

```
.background{ background-color: rgb(199,  
186, 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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