

Converting Colors

XYZ(51.5505, 56.6813, 64.9922)

Have a look what the booklet for
XYZ(51.5505, 56.6813, 64.9922)
contains.

XYZ(51.4285, 56.6201, 64.7181)	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(51.4285, 56.6201,
64.7181)**

Conversions

Conversions Part 1

Format	Color
Hex	B7CACB
RGB	183, 202, 203
RGB Percent	72%, 79%, 80%
CMY	0.2823, 0.2078, 0.2039
CMYK	0.10, 0.00, 0.00, 0.20
HSL	183°, 16%, 76%
HSV	183°, 10%, 80%
XYZ	51.4285, 56.6201, 64.7181
YIQ	196.4330, -11.6450, -3.7170

Conversions

Conversions Part 2

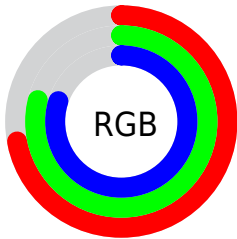
Format	Color
RYB	183, 193, 203
Decimal	12045003
CIELab	79.97, -6.21, -2.70
CIELCh	80, 6.771, 203.508
Yxy	56.6201, 0.2977, 0.3277
Android (android.graphics.Color)	4290235083 (0xFFB7CACB)
YUV	196.4330, 3.2375, -11.7807
Hunter-Lab	75.2463, -9.6819, 1.6781

Details

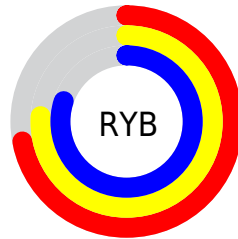
The XYZ color **51.4285, 56.6201, 64.7181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.3167, 50.3963, 51.8763**, and the grayscale version is **52.7168, 55.4622, 60.3984**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **25.2206, 28.0956, 32.5275** is the 20% darker color. If you saturate the color by 10%, you get **46.7078, 53.8366, 64.4305**, and if you desaturate by 10%, it is **56.8505, 59.7705, 65.0413**.

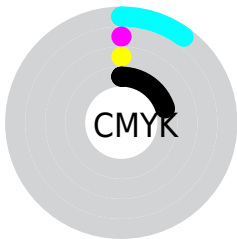
Distribution



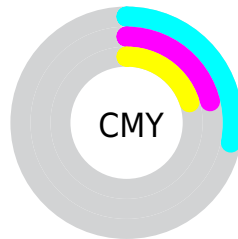
- Red (72%)
- Green (79%)
- Blue (80%)



- Red (72%)
- Yellow (76%)
- Blue (80%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (28%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4285, 56.6201, 64.7181 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 51.4285, 56.6201, 64.7181 by changing the saturation by 10% instead.

■ 51.4285, 56.6201,
64.7181

■ 51.4285, 56.6201,
64.7181

382.5866,
412.0242, 460.0567

■ 36.7722, 40.7003,
46.7826

■ 91.4671, 99.9107,
113.2539

■ 25.2040, 28.0850,
32.5107

117.5800,
128.0502, 144.6913

■ 16.3587, 18.3897,
21.4839

148.2426,
161.0318, 181.4664

■ 9.8708, 11.2302,
13.2835

183.8201,
199.2398, 223.9977

■ 5.3750, 6.2219,
7.4910

224.6779,
243.0587, 272.7039

■ 2.5059, 2.9805,
3.6880

271.1813,

■ 0.8982, 1.1215,

292.8728, 328.0035

1.4558

323.6958,
349.0665, 390.3149

■ 0.0000, 0.0000,
0.1847

■ 0.0000, 0.0000,
0.0000

■ 51.4285, 56.6201,
64.7181

■ 51.4285, 56.6201,
64.7181

■ 46.7078, 53.8366,
64.4305

■ 56.8505, 59.7705,
65.0413

■ 42.6537, 51.3976,
64.1734

■ 62.9966, 63.2950,
65.3977

■ 39.2362, 49.2890,
63.9465

■ 69.8951, 67.2096,
65.7897

■ 36.4207, 47.4931,
63.7483

■ 74.1036, 69.7398,
66.0562

■ 34.1696, 45.9905,
63.5769

■ 74.3482, 70.2289,
66.1377

■ 32.4411, 44.7595,
63.4304

■ 74.5943, 70.7211,
66.2198

■ 31.1873, 43.7755,
63.3066

■ 74.8419, 71.2164,
66.3023

■ 30.3518, 43.0094,
63.2027

■ 75.0912, 71.7149,
66.3854

■ 29.8303, 42.4076,
63.1140

■ 75.3420, 72.2166,
66.4690

Harmonies

Analogous

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



51.2324, 56.6201, 60.7978



51.4285, 56.6201, 64.7181



52.2593, 56.6201, 67.9367

Triad

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



51.4285, 56.6201, 64.7181



55.9684, 56.6201, 66.2612



54.1151, 56.6201, 54.4312

Complementary

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



51.4285, 56.6201, 64.7181



50.3167, 50.3963, 51.8763

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.



55.4027, 56.6201, 55.7630



51.4285, 56.6201, 64.7181



56.4844, 56.6201, 62.5094

Square

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



51.4285, 56.6201, 64.7181



54.8767, 56.6201, 68.8538



56.2757, 56.6201, 58.6798



52.7685, 56.6201, 54.9664

Rectangle

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



51.4285, 56.6201, 64.7181



53.0690, 56.6201, 69.1953



56.2757, 56.6201, 58.6798



54.5694, 56.6201, 54.6735

Sweetspot

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



51.4301, 56.6225, 64.7194



92.1698, 98.3347, 108.7304



49.5022, 56.2269, 53.4094



19.5674, 20.9545, 23.2633



0.0000, 0.0000, 0.0000



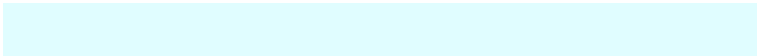
20.3446, 21.4041, 23.3091

Same Dimension

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



51.4301, 56.6225, 64.7194



84.1898, 93.6818, 108.2529



49.2319, 52.2260, 63.9866



11.4935, 12.6274, 14.4019



18.9994, 27.0229, 40.1708



0.9952, 1.4242, 2.0774

Inverse Universe

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



52.2241, 50.8290, 62.9383



85.8086, 81.9087, 104.6126



52.3945, 54.5518, 52.5689



11.6625, 11.3937, 14.0231



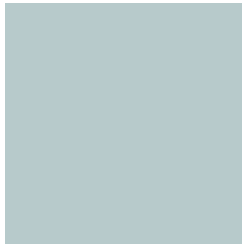
21.8009, 10.5310, 33.0001



1.1323, 0.5463, 1.7424

Previews

White Background



This preview shows how the XYZ color 51.4285, 56.6201, 64.7181 looks on a white background.

Color Contrast Check

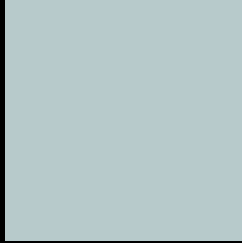
Large Text (above 18pt) WCAG AA × Fail

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 51.4285, 56.6201, 64.7181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

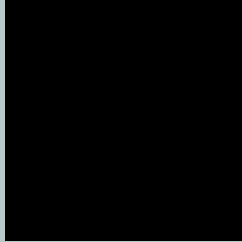
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

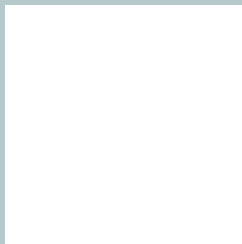
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.4285, 56.6201, 64.7181

Background



This preview shows how black text looks on a background with the XYZ color 51.4285, 56.6201, 64.7181.

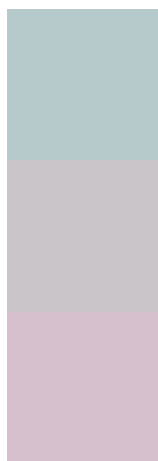


This preview shows how white text looks on a background with the XYZ color 51.4285, 56.6201,

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

51.4285, 56.6201, 64.7181

Protanopia

54.4790, 56.5201, 62.6817

Deuteranopia

57.6006, 56.4032, 65.6086



Tritanopia

53.0565, 56.5807, 73.0905

Trichromacy



Original Color

51.4285, 56.6201, 64.7181

Protanomaly

53.2142, 56.5332, 63.3657

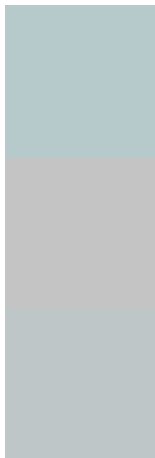
Deuteranomaly

55.2676, 56.5360, 65.1264

Tritanomaly

52.4117, 56.6668, 69.8034

Monochromacy



Original Color

51.4285, 56.6201, 64.7181

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.9887, 55.5881, 62.0223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4285, 56.6201, 64.7181 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(183, 202, 203)` looks like.

```
.text, #text, p{  
    color:rgb(183, 202, 203)  
}
```

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(183, 202, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 202, 203) }
```

Border

The CSS property to change the border of an element to XYZ 51.4285, 56.6201, 64.7181 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(183, 202, 203) }
```


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

```
.border{ border-color:rgb(183, 202, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 202, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 202, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 202, 203);  
box-shadow:4px 4px 4px 4px rgb(183, 202,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4285, 56.6201, 64.7181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 202, 203) }
```

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

```
.background{ background-color: rgb(183,  
202, 203) }
```

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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