

Converting Colors

XYZ(51.6010, 56.7867, 64.5047)

Have a look what the booklet for
XYZ(51.6010, 56.7867, 64.5047)
contains.

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Color

**XYZ(51.6672, 56.7432,
64.7293)**

Conversions

Conversions Part 1

Format	Color
Hex	B8CACB
RGB	184, 202, 203
RGB Percent	72%, 79%, 80%
CMY	0.2784, 0.2078, 0.2039
CMYK	0.09, 0.00, 0.00, 0.20
HSL	183°, 15%, 76%
HSV	183°, 9%, 80%
XYZ	51.6672, 56.7432, 64.7293
YIQ	196.7320, -11.0490, -3.5050

Conversions

Conversions Part 2

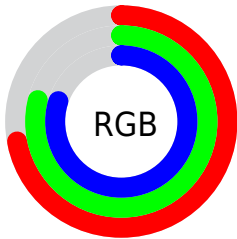
Format	Color
RYB	184, 193, 203
Decimal	12110539
CIELab	80.03, -5.88, -2.59
CIELCh	80, 6.425, 203.780
Yxy	56.7432, 0.2984, 0.3277
Android (android.graphics.Color)	4290300619 (0xFFB8CACB)
YUV	196.7320, 3.0901, -11.1660
Hunter-Lab	75.3281, -9.3918, 1.7819

Details

The XYZ color **51.6672, 56.7432, 64.7293** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6296, 50.8549, 52.4959**, and the grayscale version is **52.8974, 55.6522, 60.6052**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **25.3748, 28.1750, 32.5347** is the 20% darker color. If you saturate the color by 10%, you get **46.9005, 53.9176, 64.4360**, and if you desaturate by 10%, it is **57.1367, 59.9367, 65.0583**.

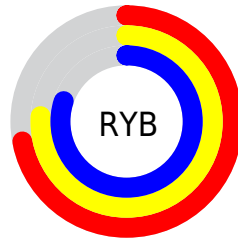
Distribution



Red (72%)

Green (79%)

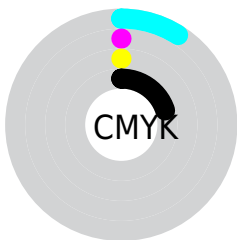
Blue (80%)



Red (72%)

Yellow (76%)

Blue (80%)

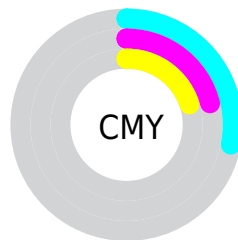


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (20%)



Cyan (28%)

Magenta (21%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6672, 56.7432, 64.7293 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 51.6672, 56.7432, 64.7293 by changing the saturation by 10% instead.

■ 51.6672, 56.7432,
64.7293

■ 51.6672, 56.7432,
64.7293

383.4956,
412.4863, 460.0981

■ 36.9631, 40.7991,
46.7917

■ 91.8174, 100.0904,
113.2701

■ 25.3524, 28.1621,
32.5178

117.9941,
128.2623, 144.7104

■ 16.4700, 18.4479,
21.4892

148.7258,
161.2789, 181.4886

■ 9.9503, 11.2720,
13.2874

184.3778,
199.5246, 224.0234

■ 5.4280, 6.2501,
7.4937

225.3154,
243.3838, 272.7331

■ 2.5378, 2.9978,
3.6896

271.9040,

■ 0.9144, 1.1306,

293.2409, 328.0365

1.4567

324.5089,
349.4803, 390.3520

■ 0.0000, 0.0039,
0.1853

■ 0.0000, 0.0000,
0.0000

■ 51.6672, 56.7432,
64.7293

■ 51.6672, 56.7432,
64.7293

■ 46.9005, 53.9176,
64.4360

■ 57.1367, 59.9367,
65.0583

■ 42.8021, 51.4376,
64.1733

■ 63.3320, 63.5054,
65.4206

■ 39.3420, 49.2892,
63.9410

■ 70.2810, 67.4652,
65.8187

■ 36.4859, 47.4548,
63.7375

■ 74.1549, 69.8423,
66.0733

■ 34.1964, 45.9149,
63.5609

■ 74.4126, 70.3578,
66.1593

■ 32.4317, 44.6481,
63.4094

■ 74.6721, 70.8768,
66.2457

■ 31.1444, 43.6300,
63.2807

■ 74.9334, 71.3993,
66.3328

■ 30.2787, 42.8317,
63.1723

■ 75.1964, 71.9253,
66.4205

■ 29.7374, 42.2032,
63.0795

■ 75.4611, 72.4548,
66.5087

Harmonies

Analogous

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



51.4746, 56.7432, 61.0078



51.6672, 56.7432, 64.7293



52.4625, 56.7432, 67.7693

Triad

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



51.6672, 56.7432, 64.7293



55.9841, 56.7432, 66.1314



54.2052, 56.7432, 54.9064

Complementary

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



51.6672, 56.7432, 64.7293



50.6296, 50.8549, 52.4959

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.



55.4302, 56.7432, 56.1613



51.6672, 56.7432, 64.7293



56.4678, 56.7432, 62.5662

Square

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



51.6672, 56.7432, 64.7293



54.9517, 56.7432, 68.6014



56.2635, 56.7432, 58.9288



52.9264, 56.7432, 55.4333

Rectangle

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



51.6672, 56.7432, 64.7293



53.2343, 56.7432, 68.9498



56.2635, 56.7432, 58.9288



54.6372, 56.7432, 55.1322

Sweetspot

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



51.6688, 56.7456, 64.7306



92.1634, 98.3220, 108.7283



49.8757, 56.4039, 54.1305



19.5657, 20.9511, 23.2627



0.0000, 0.0000, 0.0000



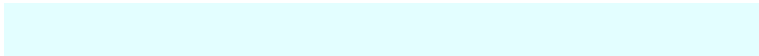
20.3446, 21.4041, 23.3091

Same Dimension

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



51.6688, 56.7456, 64.7306



85.0050, 94.1273, 108.2959



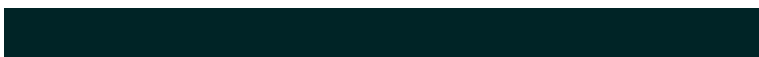
49.5182, 52.4444, 64.0137



11.4909, 12.6222, 14.4011



18.9259, 26.8758, 40.1463



0.9922, 1.4181, 2.0764

Inverse Universe

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



52.4310, 51.2429, 63.0073



86.5093, 83.2964, 104.8885



52.6734, 54.9424, 53.1771



11.6611, 11.3932, 14.0161



21.7638, 10.5161, 32.8046



1.1307, 0.5457, 1.7343

Previews

White Background



This preview shows how the XYZ color 51.6672, 56.7432, 64.7293 looks on a white background.

Color Contrast Check

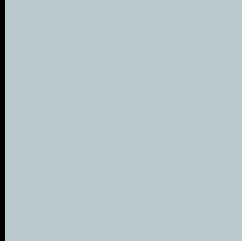
Large Text (above 18pt) WCAG AA × Fail

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 51.6672, 56.7432, 64.7293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

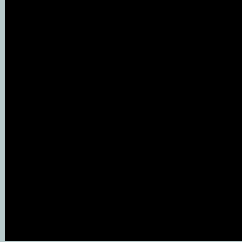
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

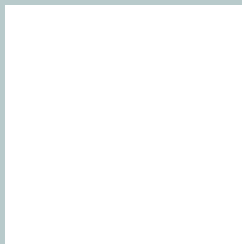
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6672, 56.7432, 64.7293

Background



This preview shows how black text looks on a background with the XYZ color 51.6672, 56.7432, 64.7293.



This preview shows how white text looks on a background with the XYZ color 51.6672, 56.7432,

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

51.6672, 56.7432, 64.7293

Protanopia

54.4790, 56.5201, 62.6817

Deuteranopia

57.6006, 56.4032, 65.6086



Tritanopia

53.2986, 56.7055, 73.1019

Trichromacy



Original Color

51.6672, 56.7432, 64.7293

Protanomaly

53.4717, 56.6660, 63.3777

Deuteranomaly

55.2676, 56.5360, 65.1264

Tritanomaly

52.6521, 56.7907, 69.8147

Monochromacy



Original Color

51.6672, 56.7432, 64.7293

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.4705, 56.1768, 62.1106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6672, 56.7432, 64.7293 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(184, 202, 203)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 202, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 202, 203) }
```

Border

The CSS property to change the border of an element to XYZ 51.6672, 56.7432, 64.7293 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(184, 202, 203) }
```


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

```
.border{ border-color:rgb(184, 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(184, 202, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 202, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 202, 203);  
box-shadow:4px 4px 4px 4px rgb(184, 202,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6672, 56.7432, 64.7293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 202, 203) }
```

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

```
.background{ background-color: rgb(184,  
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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