

Converting Colors

XYZ(50.8943, 57.1829, 64.8946)

Have a look what the booklet for
XYZ(50.8943, 57.1829, 64.8946)
contains.

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Color

**XYZ(50.7325, 56.9625,
64.8209)**

Conversions

Conversions Part 1

Format	Color
Hex	B2CCCB
RGB	178, 204, 203
RGB Percent	70%, 80%, 80%
CMY	0.3020, 0.2000, 0.2039
CMYK	0.13, 0.00, 0.00, 0.20
HSL	178°, 20%, 75%
HSV	178°, 13%, 80%
XYZ	50.7325, 56.9625, 64.8209
YIQ	196.1120, -15.1750, -5.8230

Conversions

Conversions Part 2

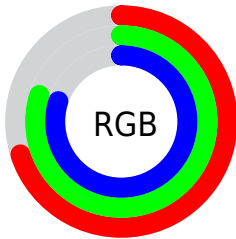
Format	Color
R _{YB}	178, 191, 204
Decimal	11717835
CIE Lab	80.16, -8.89, -2.46
CIE LCh	80, 9.221, 195.453
Yxy	56.9625, 0.2941, 0.3302
Android (android.graphics.Color)	4289907915 (0xFFB2CCCB)
YUV	196.1120, 3.3958, -15.8842
Hunter-Lab	75.4735, -12.0928, 1.9099

Details

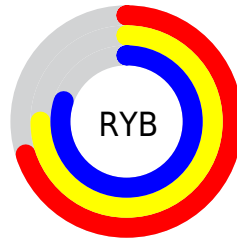
The XYZ color **50.7325, 56.9625, 64.8209** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.9610, 47.9345, 49.3222**, and the grayscale version is **52.5247, 55.2600, 60.1782**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **24.7886, 28.3426, 32.5979** is the 20% darker color. If you saturate the color by 10%, you get **46.3023, 54.6910, 64.1265**, and if you desaturate by 10%, it is **55.8625, 59.5978, 65.5529**.

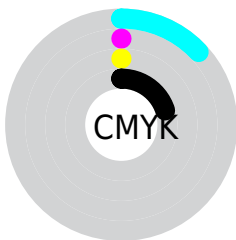
Distribution



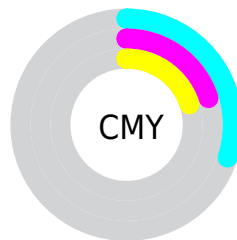
- Red (70%)
- Green (80%)
- Blue (80%)



- Red (70%)
- Yellow (75%)
- Blue (80%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (30%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7325, 56.9625, 64.8209 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 50.7325, 56.9625, 64.8209 by changing the saturation by 10% instead.

■ 50.7325, 56.9625,
64.8209

■ 50.7325, 56.9625,
64.8209

379.9284,
413.3088, 460.4367

■ 36.2159, 40.9751,
46.8654

■ 90.4446, 100.4105,
113.4031

■ 24.7719, 28.2997,
32.5757

116.3708,
128.6399, 144.8670

■ 16.0350, 18.5517,
21.5332

146.8310,
161.7187, 181.6708

■ 9.6399, 11.3468,
13.3193

182.1905,
200.0314, 224.2329

■ 5.2213, 6.3006,
7.5154

222.8146,
243.9624, 272.9721

■ 2.4138, 3.0287,
3.7032

269.0687,

■ 0.8520, 1.1467,

293.8960, 328.3067

1.4640

321.3182,
350.2167, 390.6554

■ 0.0000, 0.0175,
0.1909

■ 0.0000, 0.0000,
0.0000

■ 50.7325, 56.9625,
64.8209

■ 50.7325, 56.9625,
64.8209

■ 46.3023, 54.6910,
64.1265

■ 55.8625, 59.5978,
65.5529

■ 42.5365, 52.7604,
63.4644

■ 61.7163, 62.6046,
66.3201

■ 39.4037, 51.1561,
62.8345

■ 68.3224, 65.9992,
67.1250

■ 36.8683, 49.8597,
62.2350

■ 73.9925, 68.9112,
67.8886

■ 34.8910, 48.8509,
61.6641

■ 74.0885, 68.9496,
68.3939

■ 33.4279, 48.1072,
61.1197

■ 74.1849, 68.9882,
68.9016

■ 32.4285, 47.6025,
60.5995

■ 74.2818, 69.0270,
69.4119

■ 31.8321, 47.3055,
60.1006

■ 74.3792, 69.0659,
69.9247

■ 31.5732, 47.1795,
59.7484

■ 74.4771, 69.1051,
70.4401

Harmonies

Analogous

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



50.7183, 56.9625, 59.4593



50.7325, 56.9625, 64.8209



51.6457, 56.9625, 69.6938

Triad

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



50.7325, 56.9625, 64.8209



56.7574, 56.9625, 69.5688



55.0538, 56.9625, 52.5352

Complementary

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



50.7325, 56.9625, 64.8209



48.9610, 47.9345, 49.3222

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.



56.7157, 56.9625, 54.9358



50.7325, 56.9625, 64.8209



57.7146, 56.9625, 64.6582

Square

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



50.7325, 56.9625, 64.8209



55.1097, 56.9625, 72.5412



57.6992, 56.9625, 59.3058



53.1841, 56.9625, 52.5732

Rectangle

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



50.7325, 56.9625, 64.8209



52.6538, 56.9625, 71.9200



57.6992, 56.9625, 59.3058



55.6562, 56.9625, 53.0774

Sweetspot

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



50.7341, 56.9649, 64.8222



91.3332, 98.0912, 108.3958



48.2903, 56.0220, 50.3887



19.4042, 20.9211, 23.1811



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.



50.7341, 56.9649, 64.8222



82.1144, 93.3588, 107.0596



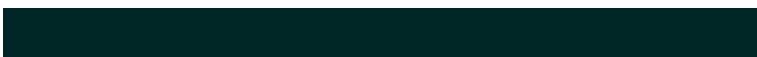
48.1765, 51.6577, 64.5612



11.5239, 12.7193, 14.3160



19.8799, 29.6973, 37.6481



1.0315, 1.5344, 1.9736

Inverse Universe

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



48.9610, 47.9345, 49.3222



78.6729, 75.8307, 76.9746



51.2883, 52.7508, 49.5993



11.2296, 11.2206, 11.7435



15.7085, 8.0940, 0.9179



0.8167, 0.4201, 0.0804

Previews

White Background



This preview shows how the XYZ color 50.7325, 56.9625, 64.8209 looks on a white background.

Color Contrast Check

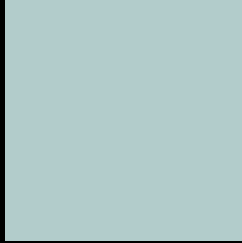
Large Text (above 18pt) WCAG AA × Fail

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 50.7325, 56.9625, 64.8209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

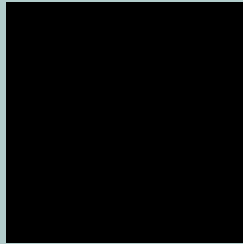
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

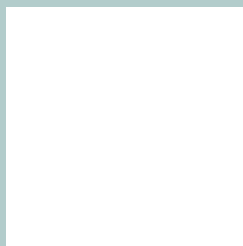
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7325, 56.9625, 64.8209

Background



This preview shows how black text looks on a background with the XYZ color 50.7325, 56.9625, 64.8209.



This preview shows how white text looks on a background with the XYZ color 50.7325, 56.9625,

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

50.7325, 56.9625, 64.8209

Protanopia

54.6322, 56.6126, 62.0807

Deuteranopia

57.6006, 56.4032, 65.6086



Tritanopia

52.8315, 57.1268, 74.5717

Trichromacy



Original Color

50.7325, 56.9625, 64.8209

Protanomaly

53.0719, 56.8161, 62.8130

Deuteranomaly

54.7264, 56.2570, 65.1010

Tritanomaly

52.1886, 57.2193, 71.2446

Monochromacy



Original Color

50.7325, 56.9625, 64.8209

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.7185, 55.7892, 62.0754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7325, 56.9625, 64.8209 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(178, 204, 203) looks like.

```
.text, #text, p{  
    color:rgb(178, 204, 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(178, 204, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 204, 203) }
```

Border

The CSS property to change the border of an element to XYZ 50.7325, 56.9625, 64.8209 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(178, 204, 203) }
```


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

```
.border{ border-color:rgb(178, 204, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 204, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 204, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 204, 203);  
box-shadow:4px 4px 4px 4px rgb(178, 204,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7325, 56.9625, 64.8209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 204, 203) }
```

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

```
.background{ background-color: rgb(178,  
204, 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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