

Converting Colors

XYZ(50.6070, 56.5598, 64.1270)

Have a look what the booklet for
XYZ(50.6070, 56.5598, 64.1270)
contains.

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Color

**XYZ(50.6070, 56.5598,
64.1270)**

Conversions

Conversions Part 1

Format	Color
Hex	B3CBCA
RGB	179, 203, 202
RGB Percent	70%, 80%, 79%
CMY	0.2980, 0.2039, 0.2078
CMYK	0.12, 0.00, 0.00, 0.20
HSL	177°, 19%, 75%
HSV	177°, 12%, 80%
XYZ	50.6070, 56.5598, 64.1270
YIQ	195.7100, -13.9830, -5.3990

Conversions

Conversions Part 2

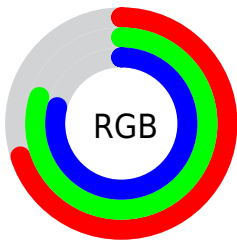
Format	Color
R_{YB}	179, 191, 203
Decimal	11783114
CIE _{Lab}	79.93, -8.24, -2.25
CIE _{LCh}	80, 8.544, 195.241
Yxy	56.5598, 0.2954, 0.3302
Android (android.graphics.Color)	4289973194 (0xFFB3CBCA)
YUV	195.7100, 3.1010, -14.6547
Hunter-Lab	75.2062, -11.4966, 2.0889

Details

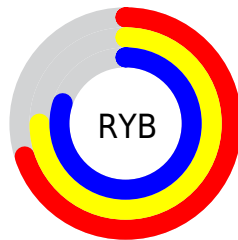
The XYZ color **50.6070, 56.5598, 64.1270** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.9889, 48.2335, 49.9105**, and the grayscale version is **52.2850, 55.0078, 59.9035**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **24.6969, 28.0686, 32.1331** is the 20% darker color. If you saturate the color by 10%, you get **46.1565, 54.2786, 63.3971**, and if you desaturate by 10%, it is **55.7520, 59.2020, 64.8947**.

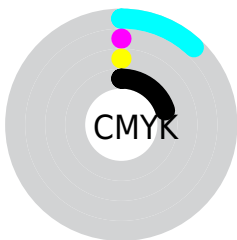
Distribution



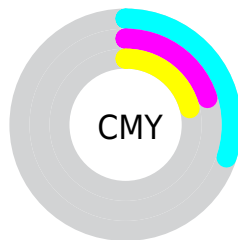
- Red (70%)
- Green (80%)
- Blue (79%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (30%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6070, 56.5598, 64.1270 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 50.6070, 56.5598, 64.1270 by changing the saturation by 10% instead.

■ 50.6070, 56.5598,
64.1270

■ 50.6070, 56.5598,
64.1270

379.4478,
411.7978, 457.8682

■ 36.1157, 40.6519,
46.3067

■ 90.2600, 99.8226,
112.3950

■ 24.6941, 28.0472,
32.1375

116.1525,
127.9463, 143.6799

■ 15.9768, 18.3612,
21.2009

146.5761,
160.9107, 180.2900

■ 9.5985, 11.2097,
13.0782

181.8961,
199.1003, 222.6438

■ 5.1938, 6.2080,
7.3511

222.4779,
242.8994, 271.1601

■ 2.3973, 2.9720,
3.6009

268.6869,

■ 0.8438, 1.1171,

292.6924, 326.2572

1.4090

320.8884,
348.8637, 388.3537

■ 0.0000, 0.0000,
0.1487

■ 0.0000, 0.0000,
0.0000

■ 50.6070, 56.5598,
64.1270

■ 50.6070, 56.5598,
64.1270

■ 46.1565, 54.2786,
63.3971

■ 55.7520, 59.2020,
64.8947

■ 42.3657, 52.3359,
62.6997

■ 61.6149, 62.2128,
65.6977

■ 39.2038, 50.7173,
62.0346

■ 68.2239, 65.6081,
66.5385

■ 36.6358, 49.4048,
61.4002

■ 73.6640, 68.4007,
67.3275

■ 34.6234, 48.3787,
60.7946

■ 73.7670, 68.4419,
67.8696

■ 33.1237, 47.6168,
60.2160

■ 73.8705, 68.4833,
68.4147

■ 32.0874, 47.0938,
59.6618

■ 73.9746, 68.5249,
68.9627

■ 31.4558, 46.7793,
59.1294

■ 74.0792, 68.5668,
69.5136

■ 31.1534, 46.6325,
58.7063

■ 74.1844, 68.6089,
70.0675

Harmonies

Analogous

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



50.6000, 56.5598, 59.1847



50.6070, 56.5598, 64.1270



51.4460, 56.5598, 68.6121

Triad

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



50.6070, 56.5598, 64.1270



56.1594, 56.5598, 68.5511



54.6118, 56.5598, 52.8088

Complementary

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



50.6070, 56.5598, 64.1270



48.9889, 48.2335, 49.9105

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.



56.1390, 56.5598, 55.0530



50.6070, 56.5598, 64.1270



57.0455, 56.5598, 64.0473

Square

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



50.6070, 56.5598, 64.1270



54.6392, 56.5598, 71.2582



57.0380, 56.5598, 59.1091



52.8872, 56.5598, 52.8276

Rectangle

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



50.6070, 56.5598, 64.1270



52.3749, 56.5598, 70.6630



57.0380, 56.5598, 59.1091



55.1661, 56.5598, 53.3180

Sweetspot

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



50.6086, 56.5622, 64.1283



91.3279, 98.0891, 108.3681



48.3633, 55.6962, 50.8502



19.4028, 20.9206, 23.1740



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.



50.6086, 56.5622, 64.1283



82.8745, 93.7509, 107.0815



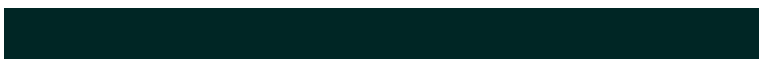
48.2651, 51.6845, 63.9349



11.5222, 12.7186, 14.3075



19.8336, 29.6788, 37.4045



1.0296, 1.5337, 1.9635

Inverse Universe

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



48.9889, 48.2335, 49.9105



79.6732, 77.2891, 78.9801



51.1374, 52.6935, 50.1244



11.2310, 11.2211, 11.7511



15.7115, 8.0952, 0.9333



0.8173, 0.4203, 0.0839

Previews

White Background



This preview shows how the XYZ color 50.6070, 56.5598, 64.1270 looks on a white background.

Color Contrast Check

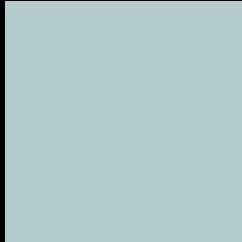
Large Text (above 18pt) WCAG AA × Fail

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 50.6070, 56.5598, 64.1270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

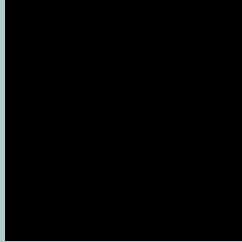
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

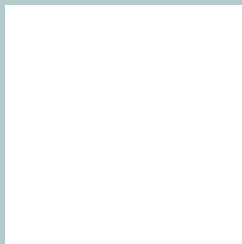
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6070, 56.5598, 64.1270

Background



This preview shows how black text looks on a background with the XYZ color 50.6070, 56.5598, 64.1270.

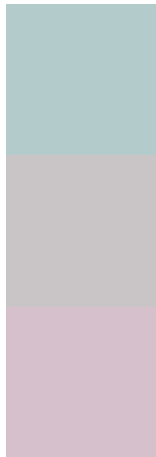


This preview shows how white text looks on a background with the XYZ color 50.6070, 56.5598,

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

50.6070, 56.5598, 64.1270

Protanopia

54.2467, 56.4272, 61.4585

Deuteranopia

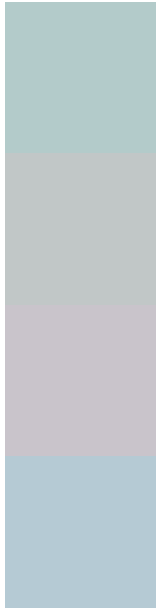
57.4803, 56.3550, 64.9748



Tritanopia

52.7024, 56.7281, 73.8175

Trichromacy



Original Color

50.6070, 56.5598, 64.1270

Protanomaly

52.7245, 56.3078, 62.1224

Deuteranomaly

54.6068, 56.2092, 64.4713

Tritanomaly

52.0603, 56.8183, 70.5105

Monochromacy



Original Color

50.6070, 56.5598, 64.1270

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.8517, 55.8712, 61.4774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6070, 56.5598, 64.1270 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(179, 203, 202)` looks like.

```
.text, #text, p{  
    color:rgb(179, 203, 202)  
}
```

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(179, 203, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 203, 202) }
```

Border

The CSS property to change the border of an element to XYZ 50.6070, 56.5598, 64.1270 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(179, 203, 202) }
```


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

```
.border{ border-color:rgb(179, 203, 202) }
```

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

Here you see how a box with a 4 pixel rgb(179, 203, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 203, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 203, 202);  
box-shadow:4px 4px 4px 4px rgb(179, 203,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6070, 56.5598, 64.1270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 203, 202) }
```

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

```
.background{ background-color: rgb(179,  
203, 202) }
```

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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