

Converting Colors

XYZ(52.7718, 56.4352, 70.6861)

Have a look what the booklet for
XYZ(52.7718, 56.4352, 70.6861)
contains.

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Color

**XYZ(52.7876, 56.5011,
70.4110)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC8D4
RGB	186, 200, 212
RGB Percent	73%, 78%, 83%
CMY	0.2706, 0.2157, 0.1686
CMYK	0.12, 0.06, 0.00, 0.17
HSL	208°, 23%, 78%
HSV	208°, 12%, 83%
XYZ	52.7876, 56.5011, 70.4110
YIQ	197.1820, -12.1960, 0.7640

Conversions

Conversions Part 2

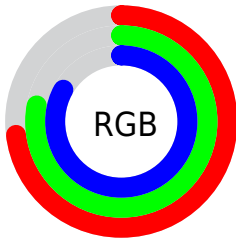
Format	Color
R _Y B	186, 195, 212
Decimal	12241108
CIE Lab	79.90, -2.36, -7.61
CIE LCh	80, 7.967, 252.762
Yxy	56.5011, 0.2938, 0.3144
Android (android.graphics.Color)	4290431188 (0xFFBAC8D4)
YUV	197.1820, 7.3053, -9.8066
Hunter-Lab	75.1672, -6.1876, -2.9214

Details

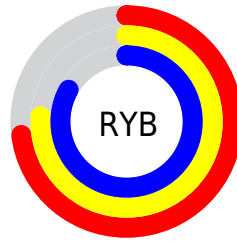
The XYZ color **52.7876, 56.5011, 70.4110** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2087, 57.9301, 54.6744**, and the grayscale version is **53.1447, 55.9124, 60.8886**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **26.0376, 27.9786, 35.9264** is the 20% darker color. If you saturate the color by 10%, you get **45.8212, 49.6548, 69.4576**, and if you desaturate by 10%, it is **60.6664, 64.0360, 71.4510**.

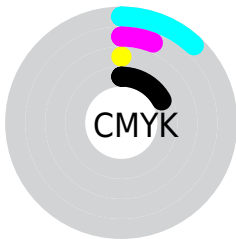
Distribution



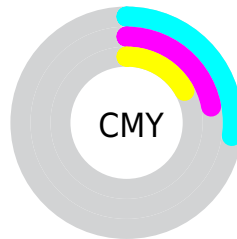
- Red (73%)
- Green (78%)
- Blue (83%)



- Red (73%)
- Yellow (76%)
- Blue (83%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (17%)



- Cyan (27%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7876, 56.5011, 70.4110 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 52.7876, 56.5011, 70.4110 by changing the saturation by 10% instead.

■ 52.7876, 56.5011,
70.4110

■ 52.7876, 56.5011,
70.4110

387.7439,
411.5772, 480.8198

■ 37.8600, 40.6048,
51.3828

■ 93.4591, 99.7369,
121.4813

■ 26.0508, 28.0104,
36.1345

119.9338,
127.8451, 154.3605

■ 16.9945, 18.3335,
24.2476

150.9882,
160.7929, 192.6937

■ 10.3259, 11.1897,
15.3035

186.9877,
198.9645, 236.8995

■ 5.6795, 6.1946,
8.8837

228.2977,
242.7443, 287.3965

■ 2.6900, 2.9638,
4.5696

275.2835,

■ 0.9920, 1.1128,

292.5168, 344.6032

1.9427

328.3104,
348.6663, 408.9382

■ 0.0000, 0.0000,
0.5197

■ 0.0000, 0.0000,
0.0000

■ 52.7876, 56.5011,
70.4110

■ 52.7876, 56.5011,
70.4110

■ 45.8212, 49.6548,
69.4576

■ 60.6664, 64.0360,
71.4510

■ 39.7261, 43.4674,
68.5845

■ 69.4867, 72.2738,
72.5762

■ 34.4651, 37.9170,
67.7905

■ 79.2824, 81.2374,
73.7900

■ 29.9963, 32.9780,
67.0727

■ 84.0295, 87.8249,
74.8114

■ 26.2737, 28.6222,
66.4281

■ 86.9736, 93.7130,
75.7927

■ 23.2464, 24.8187,
65.8536

■ 88.8838, 97.5335,
76.4295

■ 20.8559, 21.5329,
65.3453

■ 19.0328, 18.7240,
64.8992

■ 17.9213, 16.8284,
64.5919

Harmonies

Analogous

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



51.4548, 56.5011, 67.7581



52.7876, 56.5011, 70.4110



54.3915, 56.5011, 70.6079

Triad

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



52.7876, 56.5011, 70.4110



56.7885, 56.5011, 59.5764



51.6217, 56.5011, 55.2189

Complementary

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



52.7876, 56.5011, 70.4110



56.2087, 57.9301, 54.6744

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.



53.0195, 56.5011, 53.2476



52.7876, 56.5011, 70.4110



56.0149, 56.5011, 55.6772

Square

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



52.7876, 56.5011, 70.4110



56.7234, 56.5011, 64.1934



54.6281, 56.5011, 53.4110



50.7910, 56.5011, 58.9220

Rectangle

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



52.7876, 56.5011, 70.4110



55.4006, 56.5011, 69.3060



54.6281, 56.5011, 53.4110



52.0396, 56.5011, 54.3403

Sweetspot

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



52.7893, 56.5035, 70.4123



89.9133, 95.1503, 108.2346



53.9526, 61.5904, 62.2903



19.0440, 20.1750, 23.1404



0.0000, 0.0000, 0.0000



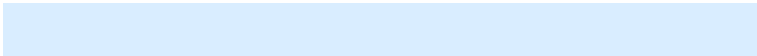
20.3446, 21.4041, 23.3091

Same Dimension

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



52.7893, 56.5035, 70.4123



76.9768, 82.7049, 106.5143



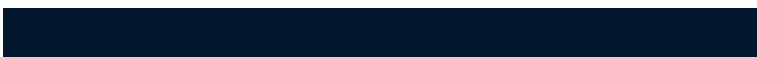
49.9683, 50.8616, 69.4720



12.2910, 13.1055, 15.8193



11.1648, 10.5915, 39.9091



0.7558, 0.8037, 2.4346

Inverse Universe

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



55.1369, 53.2861, 62.0255



81.3258, 76.8919, 90.9447



59.2350, 63.9828, 55.6832



12.7001, 12.5315, 14.3610



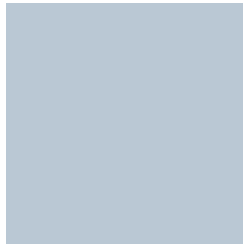
18.6944, 9.4141, 10.9605



1.1692, 0.5845, 0.8802

Previews

White Background



This preview shows how the XYZ color 52.7876, 56.5011, 70.4110 looks on a white background.

Color Contrast Check

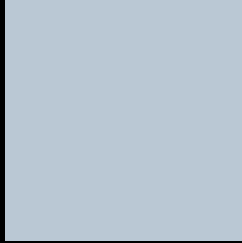
Large Text (above 18pt) WCAG AA × Fail

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 52.7876, 56.5011, 70.4110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

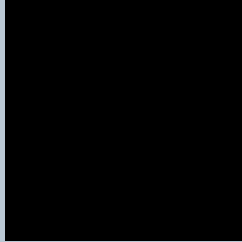
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

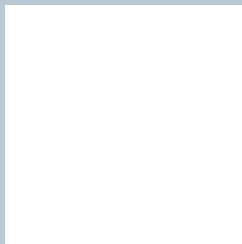
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.7876, 56.5011, 70.4110

Background



This preview shows how black text looks on a background with the XYZ color 52.7876, 56.5011, 70.4110.

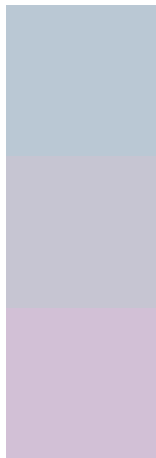


This preview shows how white text looks on a background with the XYZ color 52.7876, 56.5011,

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

52.7876, 56.5011, 70.4110

Protanopia

54.8878, 56.5914, 69.0031

Deuteranopia

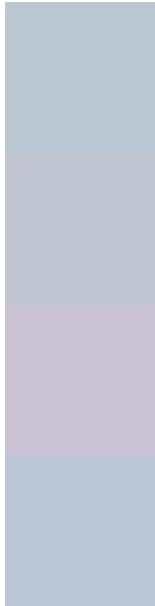
57.5656, 56.2560, 71.4428



Tritanopia

53.1827, 56.3179, 72.3574

Trichromacy



Original Color

52.7876, 56.5011, 70.4110

Protanomaly

54.2001, 56.5606, 69.6887

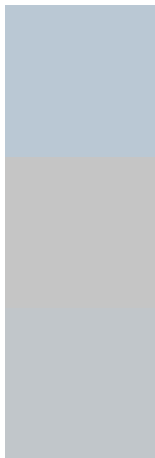
Deuteranomaly

55.6127, 56.2518, 70.8774

Tritanomaly

53.0545, 56.2667, 71.6826

Monochromacy



Original Color

52.7876, 56.5011, 70.4110

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.8471, 55.9899, 63.8989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7876, 56.5011, 70.4110 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(186, 200, 212)` looks like.

```
.text, #text, p{  
    color:rgb(186, 200, 212)  
}
```

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(186, 200, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 200, 212) }
```

Border

The CSS property to change the border of an element to XYZ 52.7876, 56.5011, 70.4110 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(186, 200, 212) }
```


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

```
.border{ border-color:rgb(186, 200, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 200, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 200, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 200, 212);  
box-shadow:4px 4px 4px 4px rgb(186, 200,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7876, 56.5011, 70.4110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 200, 212) }
```

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

```
.background{ background-color: rgb(186,  
200, 212) }
```

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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