

Converting Colors

XYZ(56.5004, 68.3754, 62.6774)

Have a look what the booklet for
XYZ(56.5004, 68.3754, 62.6774)
contains.

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Color

**XYZ(56.4516, 68.3233,
62.4370)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E2C4
RGB	182, 226, 196
RGB Percent	71%, 89%, 77%
CMY	0.2863, 0.1137, 0.2314
CMYK	0.19, 0.00, 0.13, 0.11
HSL	139°, 43%, 80%
HSV	139°, 19%, 89%
XYZ	56.4516, 68.3233, 62.4370
YIQ	209.4240, -16.5940, -18.6580

Conversions

Conversions Part 2

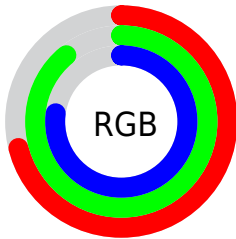
Format	Color
RYB	182, 215, 226
Decimal	11985604
CIELab	86.17, -20.09, 9.99
CIELCh	86, 22.436, 153.553
Yxy	68.3233, 0.3015, 0.3650
Android (android.graphics.Color)	4290175684 (0xFFB6E2C4)
YUV	209.4240, -6.6180, -24.0508
Hunter-Lab	82.6579, -22.7439, 13.0749

Details

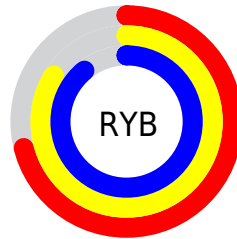
The XYZ color **56.4516, 68.3233, 62.4370** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.9781, 54.3798, 69.6256**, and the grayscale version is **60.9325, 64.1057, 69.8111**.

A 20% lighter version of the original color is **88.7495, 96.7890, 106.9331**, and **28.3475, 35.6680, 30.9817** is the 20% darker color. If you saturate the color by 10%, you get **49.8741, 65.1268, 53.4390**, and if you desaturate by 10%, it is **64.0744, 72.0417, 72.4273**.

Distribution



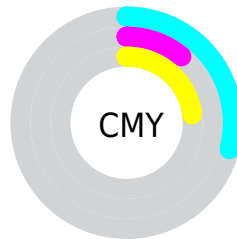
- Red (71%)
- Green (89%)
- Blue (77%)



- Red (71%)
- Yellow (84%)
- Blue (89%)



- Cyan (19%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)





- Cyan (29%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4516, 68.3233, 62.4370 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 56.4516, 68.3233, 62.4370 by changing the saturation by 10% instead.


 56.4516, 68.3233,
62.4370

 56.4516, 68.3233,
62.4370


401.4387,
454.6406, 451.5749

 40.8035, 50.1608,
44.9478


 98.8005, 116.8145,
109.9346

 28.3526, 35.5412,
31.0737


126.2321,
147.9120, 140.7801

 18.7334, 24.0801,
20.3960


158.3223,
184.0900, 176.9148

 11.5807, 15.3930,
12.4963

195.4363,
225.7329, 218.7572

 6.5290, 9.0957,
6.9560

237.9396,
273.2249, 266.7259

 3.2130, 4.8036,
3.3566

286.1975,

 1.2674, 2.1325,

326.9507, 321.2393

1.2795

340.5754,
387.2944, 382.7162

■ 0.1586, 0.6828,
0.0449

■ 0.0000, 0.0000,
0.0000

■ 56.4516, 68.3233,
62.4370

■ 56.4516, 68.3233,
62.4370

■ 49.8741, 65.1268,
53.4390

■ 64.0744, 72.0417,
72.4273

■ 44.2897, 62.4201,
45.3983

■ 72.7807, 76.2953,
83.4345

■ 39.6499, 60.1808,
38.2844

■ 82.6133, 81.1076,
95.4879

■ 35.8998, 58.3814,
32.0637

■ 86.4876, 82.8753,
106.0459

■ 32.9788, 56.9912,
26.7001

■ 30.8179, 55.9756,
22.1554

■ 29.3365, 55.2938,
18.3880

■ 28.4061, 54.8804,
15.3511

■ 28.3643, 54.8619,
15.2093

Harmonies

Analogous

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



59.6063, 68.3233, 53.1285



56.4516, 68.3233, 62.4370



55.5279, 68.3233, 76.1682

Triad

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



56.4516, 68.3233, 62.4370



65.5563, 68.3233, 106.5236



73.5671, 68.3233, 59.7611

Complementary

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



56.4516, 68.3233, 62.4370



59.9781, 54.3798, 69.6256

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.



75.3580, 68.3233, 72.6446



56.4516, 68.3233, 62.4370



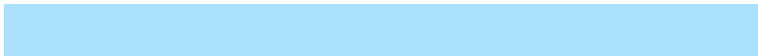
70.5812, 68.3233, 100.6856

Square

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



56.4516, 68.3233, 62.4370



60.6183, 68.3233, 102.8566



74.2377, 68.3233, 87.7842



69.4608, 68.3233, 51.7333

Rectangle

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



56.4516, 68.3233, 62.4370



56.2589, 68.3233, 86.3396



74.2377, 68.3233, 87.7842



74.4695, 68.3233, 63.6017

Sweetspot

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



56.4535, 68.3262, 62.4385



88.0089, 96.5590, 100.0399



62.8130, 71.7803, 54.8013



18.6803, 20.5908, 21.2126



0.0000, 0.0000, 0.0000



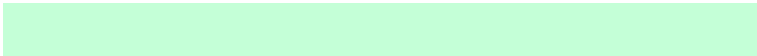
20.3446, 21.4041, 23.3091

Same Dimension

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



56.4535, 68.3262, 62.4385



70.8832, 88.2096, 77.5871



59.1362, 69.3993, 76.5654



13.7076, 15.4088, 15.4953



16.2289, 31.3164, 8.9282



1.1647, 2.1866, 0.8283

Inverse Universe

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



59.9781, 54.3798, 69.6256



76.2487, 66.9738, 88.5244



57.3956, 53.3469, 56.0266



14.0998, 13.8575, 16.2955



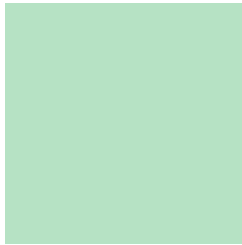
21.2815, 10.5796, 18.6799



1.5153, 0.7494, 1.5062

Previews

White Background



This preview shows how the XYZ color 56.4516, 68.3233, 62.4370 looks on a white background.

Color Contrast Check

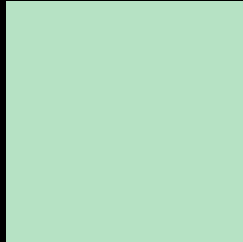
Large Text (above 18pt) WCAG AA × Fail

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 56.4516, 68.3233, 62.4370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

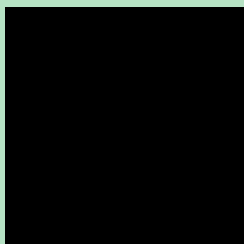
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

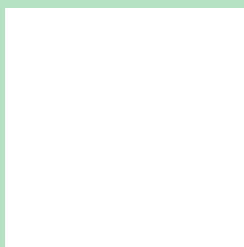
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4516, 68.3233, 62.4370

Background



This preview shows how black text looks on a background with the XYZ color 56.4516, 68.3233, 62.4370.

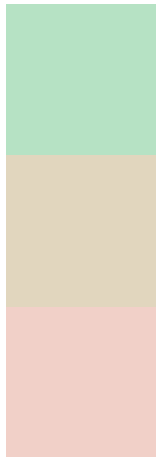


This preview shows how white text looks on a background with the XYZ color 56.4516, 68.3233,

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

56.4516, 68.3233, 62.4370

Protanopia

64.3922, 67.8184, 58.4116

Deuteranopia

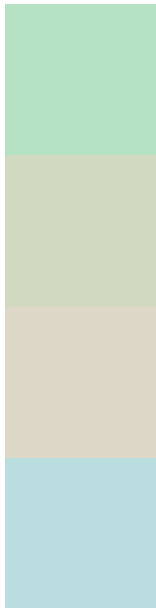
69.2568, 67.9827, 64.1153



Tritanopia

62.0121, 68.1783, 90.7803

Trichromacy



Original Color

56.4516, 68.3233, 62.4370

Protanomaly

60.8803, 67.5039, 59.6900

Deuteranomaly

64.1244, 67.9400, 63.7668

Tritanomaly

59.6903, 68.0094, 79.7931

Monochromacy



Original Color

56.4516, 68.3233, 62.4370

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.7527, 65.1026, 66.5962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4516, 68.3233, 62.4370 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(182, 226, 196)` looks like.

```
.text, #text, p{  
    color:rgb(182, 226, 196)  
}
```

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(182, 226, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 226, 196) }
```

Border

The CSS property to change the border of an element to XYZ 56.4516, 68.3233, 62.4370 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(182, 226, 196) }
```


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

```
.border{ border-color:rgb(182, 226, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 226, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 226, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 226, 196);  
box-shadow:4px 4px 4px 4px rgb(182, 226,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4516, 68.3233, 62.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 226, 196) }
```

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

```
.background{ background-color: rgb(182,  
226, 196) }
```

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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