

Converting Colors

XYZ(56.4349, 68.7552, 62.2233)

Have a look what the booklet for
XYZ(56.4349, 68.7552, 62.2233)
contains.

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Color

**XYZ(56.4889, 68.7474,
62.5169)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E3C4
RGB	181, 227, 196
RGB Percent	71%, 89%, 77%
CMY	0.2902, 0.1098, 0.2314
CMYK	0.20, 0.00, 0.14, 0.11
HSL	140°, 45%, 80%
HSV	140°, 20%, 89%
XYZ	56.4889, 68.7474, 62.5169
YIQ	209.7120, -17.4650, -19.3930

Conversions

Conversions Part 2

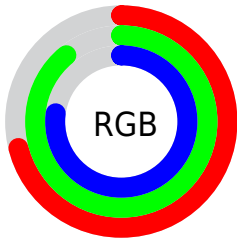
Format	Color
RYB	181, 216, 227
Decimal	11920324
CIELab	86.38, -20.91, 10.29
CIELCh	86, 23.298, 153.803
Yxy	68.7474, 0.3009, 0.3662
Android (android.graphics.Color)	4290110404 (0xFFB5E3C4)
YUV	209.7120, -6.7600, -25.1804
Hunter-Lab	82.9141, -23.4885, 13.3354

Details

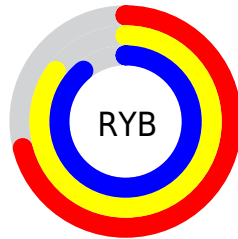
The XYZ color **56.4889, 68.7474, 62.5169** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.0884, 54.1337, 69.5720**, and the grayscale version is **61.1223, 64.3054, 70.0286**.

A 20% lighter version of the original color is **88.4147, 96.6164, 106.9174**, and **28.1978, 35.5908, 30.9747** is the 20% darker color. If you saturate the color by 10%, you get **49.9403, 65.5644, 53.5798**, and if you desaturate by 10%, it is **64.0861, 72.4543, 72.4330**.

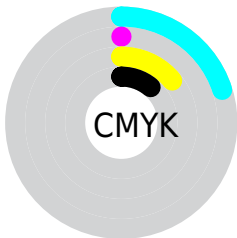
Distribution



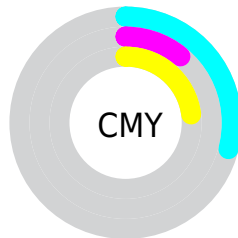
- Red (71%)
- Green (89%)
- Blue (77%)



- Red (71%)
- Yellow (85%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4889, 68.7474, 62.5169 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 56.4889, 68.7474, 62.5169 by changing the saturation by 10% instead.


 56.4889, 68.7474,
62.5169

 56.4889, 68.7474,
62.5169


401.5766,
456.1396, 451.8737

 40.8336, 50.5060,
45.0120


 98.8547, 117.4207,
110.0511

 28.3762, 35.8156,
31.1239

126.2959,
148.6214, 140.9175

 18.7513, 24.2918,
20.4339


158.3964,
184.9107, 177.0747

 11.5937, 15.5502,
12.5237

195.5217,
226.6730, 218.9415

 6.5379, 9.2065,
6.9745

238.0369,
274.2926, 266.9362

 3.2185, 4.8761,
3.3680


286.3076,


 1.2704, 2.1747,


328.1540, 321.4774


1.2855


340.6990,
388.6415, 382.9837


 0.1609, 0.7062,
0.0498


 0.0000, 0.0000,
0.0000


 56.4889, 68.7474,
62.5169


 56.4889, 68.7474,
62.5169


 49.9403, 65.5644,
53.5798


 64.0861, 72.4543,
72.4330

 44.3874, 62.8730,
45.5871

 72.7705, 76.6986,
83.3519

 39.7812, 60.6503,
38.5092

 82.5855, 81.5040,
95.3026

 36.0659, 58.8683,
32.3127

 86.7604, 83.4208,
106.1368

■ 33.1800, 57.4960,
26.9627

■ 31.0532, 56.4979,
22.4215

■ 29.6029, 55.8322,
18.6485

■ 28.7071, 55.4354,
15.6692

Harmonies

Analogous

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



59.7520, 68.7474, 52.8271



56.4889, 68.7474, 62.5169



55.5501, 68.7474, 76.8374

Triad

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



56.4889, 68.7474, 62.5169



66.0312, 68.7474, 108.4952



74.3251, 68.7474, 59.5455

Complementary

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



56.4889, 68.7474, 62.5169



60.0884, 54.1337, 69.5720

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.



76.2226, 68.7474, 72.9055



56.4889, 68.7474, 62.5169



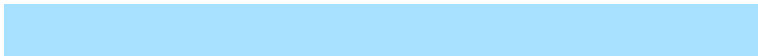
71.2710, 68.7474, 102.2841

Square

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



56.4889, 68.7474, 62.5169



60.8791, 68.7474, 104.7240



75.0756, 68.7474, 88.7164



70.0186, 68.7474, 51.2841

Rectangle

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



56.4889, 68.7474, 62.5169



56.3232, 68.7474, 87.4654



75.0756, 68.7474, 88.7164



75.2763, 68.7474, 63.5176

Sweetspot

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



56.4908, 68.7503, 62.5184



88.0274, 96.5664, 100.1371



63.0885, 72.3391, 54.3545



18.6847, 20.5926, 21.2355



0.0000, 0.0000, 0.0000



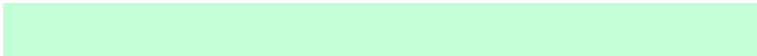
20.3446, 21.4041, 23.3091

Same Dimension

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



56.4908, 68.7503, 62.5184



70.0632, 87.8055, 76.7103



59.2565, 69.8566, 77.0825



14.3821, 16.1663, 16.2769



16.7890, 32.3477, 9.3891



1.2821, 2.4070, 0.9123

Inverse Universe

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



60.0884, 54.1337, 69.5720



75.4891, 65.7553, 87.3442



57.4369, 53.0730, 55.6091



14.7847, 14.5311, 17.0669



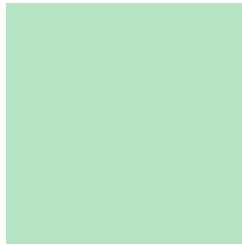
21.8832, 10.8875, 18.8117



1.6593, 0.8214, 1.6126

Previews

White Background



This preview shows how the XYZ color 56.4889, 68.7474, 62.5169 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 56.4889, 68.7474, 62.5169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

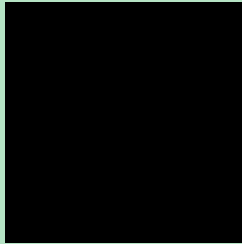
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

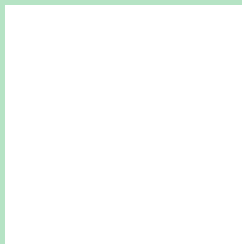
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4889, 68.7474, 62.5169

Background



This preview shows how black text looks on a background with the XYZ color 56.4889, 68.7474, 62.5169.

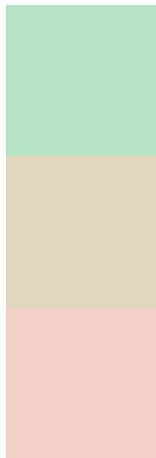


This preview shows how white text looks on a background with the XYZ color 56.4889, 68.7474,

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

56.4889, 68.7474, 62.5169

Protanopia

64.6460, 68.3261, 58.4962

Deuteranopia

69.5992, 68.1591, 64.1313



Tritanopia

62.4227, 68.7637, 91.6441

Trichromacy



Original Color

56.4889, 68.7474, 62.5169

Protanomaly

61.1404, 68.0241, 59.7767

Deuteranomaly

64.1244, 67.9400, 63.7668

Tritanomaly

59.9567, 68.5422, 79.8819

Monochromacy



Original Color

56.4889, 68.7474, 62.5169

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.1285, 65.6616, 67.3152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4889, 68.7474, 62.5169 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(181, 227, 196)` looks like.

```
.text, #text, p{  
    color:rgb(181, 227, 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(181, 227, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 227, 196) }
```

Border

The CSS property to change the border of an element to XYZ 56.4889, 68.7474, 62.5169 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(181, 227, 196) }
```


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

```
.border{ border-color:rgb(181, 227, 196) }
```

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

Here you see how a box with a 4 pixel rgb(181, 227, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 227, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 227, 196);  
box-shadow:4px 4px 4px 4px rgb(181, 227,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4889, 68.7474, 62.5169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 227, 196) }
```

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

```
.background{ background-color: rgb(181,  
227, 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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