

Converting Colors

XYZ(56.8802, 67.9120, 62.6690)

Have a look what the booklet for
XYZ(56.8802, 67.9120, 62.6690)
contains.

XYZ(56.7413, 67.6568, 62.8918)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.7413, 67.6568,
62.8918)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E0C5
RGB	185, 224, 197
RGB Percent	73%, 88%, 77%
CMY	0.2745, 0.1216, 0.2274
CMYK	0.17, 0.00, 0.12, 0.12
HSL	138°, 39%, 80%
HSV	138°, 17%, 88%
XYZ	56.7413, 67.6568, 62.8918
YIQ	209.2610, -14.5770, -16.6650

Conversions

Conversions Part 2

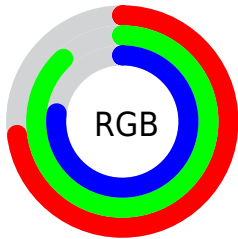
Format	Color
RYB	185, 215, 224
Decimal	12181701
CIELab	85.83, -17.93, 9.02
CIELCh	86, 20.073, 153.312
Yxy	67.6568, 0.3030, 0.3612
Android (android.graphics.Color)	4290371781 (0xFFB9E0C5)
YUV	209.2610, -6.0447, -21.2769
Hunter-Lab	82.2538, -20.8090, 12.2441

Details

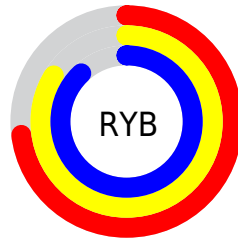
The XYZ color **56.7413, 67.6568, 62.8918** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.9755, 55.3004, 69.8034**, and the grayscale version is **60.8213, 63.9887, 69.6837**.

A 20% lighter version of the original color is **89.9250, 97.3765, 107.8219**, and **28.5060, 35.1844, 31.2754** is the 20% darker color. If you saturate the color by 10%, you get **50.0709, 64.4148, 53.7762**, and if you desaturate by 10%, it is **64.4497, 71.4165, 73.0133**.

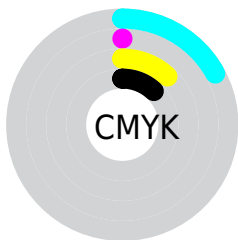
Distribution



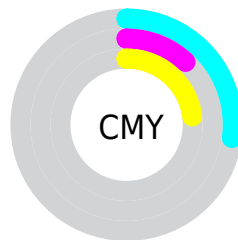
- Red (73%)
- Green (88%)
- Blue (77%)



- Red (73%)
- Yellow (84%)
- Blue (88%)



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





- Cyan (27%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7413, 67.6568, 62.8918 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 56.7413, 67.6568, 62.8918 by changing the saturation by 10% instead.

 56.7413, 67.6568,
62.8918

 56.7413, 67.6568,
62.8918


402.5091,
452.2791, 453.2738

 41.0369, 49.6186,
45.3132


 99.2212, 115.8610,
110.5975

 28.5357, 35.1104,
31.3595


126.7273,
146.7958, 141.5617

 18.8724, 23.7479,
20.6120


158.8981,
182.7983, 177.8248

 11.6816, 15.1468,
12.6522

196.0989,
224.2528, 219.8054

 6.5979, 8.9224,
7.0616

238.6950,
271.5437, 267.9221

 3.2560, 4.6906,
3.4216


287.0519,

 1.2905, 2.0669,

325.0555, 322.5934


1.3137


341.5348,
385.1725, 384.2378


 0.1761, 0.6459,
0.0730


 0.0000, 0.0000,
0.0000


 56.7413, 67.6568,
62.8918


 56.7413, 67.6568,
62.8918


 50.0709, 64.4148,
53.7762


 64.4497, 71.4165,
73.0133


 44.3875, 61.6594,
45.6310

 73.2329, 75.7067,
84.1655

 39.6445, 59.3688,
38.4254

 83.1328, 80.5502,
96.3783

 35.7888, 57.5166,
32.1253

 85.9469, 81.7939,
105.8656

■ 32.7619, 56.0733,
26.6942

■ 30.4982, 55.0058,
22.0933

■ 28.9211, 54.2755,
18.2807

■ 27.9299, 53.8314,
15.2102

■ 27.7286, 53.7425,
14.5290

Harmonies

Analogous

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



59.5814, 67.6568, 54.5055



56.7413, 67.6568, 62.8918



55.8945, 67.6568, 75.1360

Triad

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



56.7413, 67.6568, 62.8918



64.8167, 67.6568, 101.8784



71.9636, 67.6568, 60.6441

Complementary

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



56.7413, 67.6568, 62.8918



59.9755, 55.3004, 69.8034

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.



73.5212, 67.6568, 72.2168



56.7413, 67.6568, 62.8918



69.2734, 67.6568, 96.8625

Square

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



56.7413, 67.6568, 62.8918



60.4243, 67.6568, 98.6248



72.5143, 67.6568, 85.6070



68.3500, 67.6568, 53.3202

Rectangle

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



56.7413, 67.6568, 62.8918



56.5394, 67.6568, 84.1243



72.5143, 67.6568, 85.6070



72.7526, 67.6568, 64.1139

Sweetspot

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



56.7432, 67.6597, 62.8933



89.1249, 97.1060, 101.3738



62.6531, 70.8590, 56.2748



18.9045, 20.7008, 21.4779



0.0000, 0.0000, 0.0000



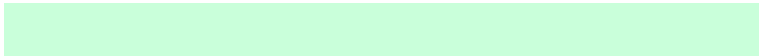
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7432, 67.6597, 62.8933



72.6137, 89.0580, 79.6415



59.0860, 68.5968, 75.2305



13.7016, 15.4064, 15.4636



16.1845, 31.2987, 8.6948



1.1610, 2.1851, 0.8090

Inverse Universe

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



59.9755, 55.3004, 69.8034



77.7415, 69.4473, 90.6006



57.6948, 54.3881, 57.7936



14.1061, 13.8601, 16.3287



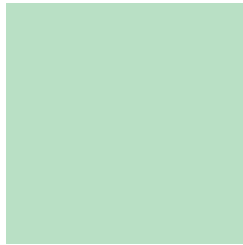
21.3946, 10.6249, 19.2757



1.5224, 0.7523, 1.5440

Previews

White Background



This preview shows how the XYZ color 56.7413, 67.6568, 62.8918 looks on a white background.

Color Contrast Check

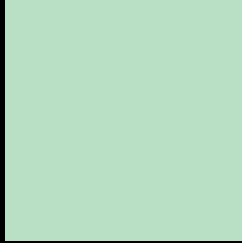
Large Text (above 18pt) WCAG AA × Fail

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 56.7413, 67.6568, 62.8918 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

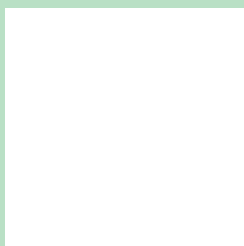
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7413, 67.6568, 62.8918

Background



This preview shows how black text looks on a background with the XYZ color 56.7413, 67.6568, 62.8918.



This preview shows how white text looks on a background with the XYZ color 56.7413, 67.6568,

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

56.7413, 67.6568, 62.8918

Protanopia

63.6296, 67.0381, 58.8762

Deuteranopia

68.7906, 67.3680, 64.6360



Tritanopia

61.9500, 67.4054, 89.1023

Trichromacy



Original Color

56.7413, 67.6568, 62.8918

Protanomaly

60.7330, 67.0313, 60.1894

Deuteranomaly

63.7348, 66.9743, 64.2117

Tritanomaly

59.7643, 67.2791, 78.9435

Monochromacy



Original Color

56.7413, 67.6568, 62.8918

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.8854, 64.7803, 67.1579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7413, 67.6568, 62.8918 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(185, 224, 197)` looks like.

```
.text, #text, p{  
    color:rgb(185, 224, 197)  
}
```

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(185, 224, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 224, 197) }
```

Border

The CSS property to change the border of an element to XYZ 56.7413, 67.6568, 62.8918 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(185, 224, 197) }
```


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

```
.border{ border-color:rgb(185, 224, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 224, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 224, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 224, 197);  
box-shadow:4px 4px 4px 4px rgb(185, 224,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7413, 67.6568, 62.8918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 224, 197) }
```

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

```
.background{ background-color: rgb(185,  
224, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor