

Converting Colors

XYZ(56.7128, 67.7261, 63.9758)

Have a look what the booklet for
XYZ(56.7128, 67.7261, 63.9758)
contains.

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Color

**XYZ(56.7316, 67.6252,
64.0957)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E0C7
RGB	184, 224, 199
RGB Percent	72%, 88%, 78%
CMY	0.2784, 0.1215, 0.2196
CMYK	0.18, 0.00, 0.11, 0.12
HSL	142°, 39%, 80%
HSV	142°, 18%, 88%
XYZ	56.7316, 67.6252, 64.0957
YIQ	209.1900, -15.8150, -16.2550

Conversions

Conversions Part 2

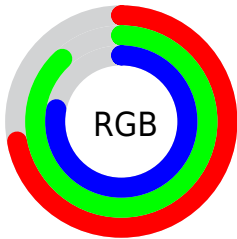
Format	Color
RYB	184, 213, 224
Decimal	12116167
CIELab	85.82, -17.89, 7.93
CIELCh	86, 19.569, 156.089
Yxy	67.6252, 0.3010, 0.3588
Android (android.graphics.Color)	4290306247 (0xFFB8E0C7)
YUV	209.1900, -5.0237, -22.0916
Hunter-Lab	82.2345, -20.7677, 11.3520

Details

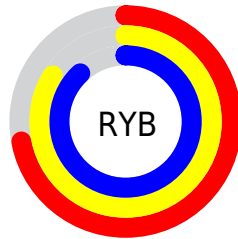
The XYZ color **56.7316, 67.6252, 64.0957** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.3920, 54.7333, 67.7589**, and the grayscale version is **60.7690, 63.9337, 69.6238**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **28.5047, 35.1661, 32.0734** is the 20% darker color. If you saturate the color by 10%, you get **50.2334, 64.4564, 55.6931**, and if you desaturate by 10%, it is **64.2329, 71.2976, 73.3289**.

Distribution



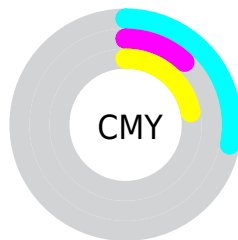
- Red (72%)
- Green (88%)
- Blue (78%)



- Red (72%)
- Yellow (84%)
- Blue (88%)



- Cyan (18%)
- Magenta (0%)
- Yellow (11%)
- Black (12%)





- Cyan (28%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7316, 67.6252, 64.0957 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 56.7316, 67.6252, 64.0957 by changing the saturation by 10% instead.


 56.7316, 67.6252,
64.0957

 56.7316, 67.6252,
64.0957

402.4733,
452.1669, 457.7521

 41.0291, 49.5929,
46.2815

 99.2071, 115.8158,
112.3495

 28.5296, 35.0900,
32.1178


126.7107,
146.7429, 143.6263

 18.8677, 23.7322,
21.1859

158.8788,
182.7370, 180.2276

 11.6782, 15.1351,
13.0674

196.0767,
224.1825, 222.5721

 6.5956, 8.9143,
7.3437

238.6698,
271.4639, 271.0782

 3.2546, 4.6853,
3.5963


287.0233,


 1.2898, 2.0638,


324.9655, 326.1646


1.4066


341.5027,
385.0717, 388.2497


 0.1755, 0.6442,
0.1468


 0.0000, 0.0000,
0.0000


 56.7316, 67.6252,
64.0957


 56.7316, 67.6252,
64.0957


 50.2334, 64.4564,
55.6931


 64.2329, 71.2976,
73.3289


 44.6886, 61.7604,
48.0937

 72.7726, 75.4857,
83.4102

 40.0519, 59.5163,
41.2747

 82.3916, 80.2120,
94.3624

 36.2719, 57.6979,
35.2109

 85.9470, 81.7939,
105.8657

■ 33.2916, 56.2765,
29.8757

■ 31.0469, 55.2196,
25.2407

■ 29.4630, 54.4891,
21.2754

■ 28.4371, 54.0329,
17.9463

■ 28.2570, 53.9540,
17.3115

Harmonies

Analogous

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



59.3430, 67.6252, 55.4720



56.7316, 67.6252, 64.0957



56.0996, 67.6252, 76.2752

Triad

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



56.7316, 67.6252, 64.0957



65.1920, 67.6252, 100.9322



71.4773, 67.6252, 60.0593

Complementary

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



56.7316, 67.6252, 64.0957



59.3920, 54.7333, 67.7589

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.



73.2100, 67.6252, 71.0513



56.7316, 67.6252, 64.0957



69.4745, 67.6252, 95.3779

Square

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



56.7316, 67.6252, 64.0957



60.8533, 67.6252, 98.5152



72.4607, 67.6252, 84.0709



67.8241, 67.6252, 53.3375

Rectangle

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



56.7316, 67.6252, 64.0957



56.8587, 67.6252, 85.0007



72.4607, 67.6252, 84.0709



72.3112, 67.6252, 63.3257

Sweetspot

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



56.7335, 67.6280, 64.0972



89.2571, 97.1588, 102.0699



61.6988, 70.3792, 55.6809



18.9366, 20.7136, 21.6467



0.0000, 0.0000, 0.0000



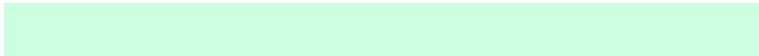
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7335, 67.6280, 64.0972



73.0904, 89.2487, 82.1518



59.1674, 68.6016, 76.9140



13.7403, 15.4218, 15.6676



16.4982, 31.4241, 10.3466



1.1860, 2.1951, 0.9407

Inverse Universe

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



59.3920, 54.7333, 67.7589



77.2156, 69.2370, 87.8311



57.1045, 53.8183, 55.7134



14.0657, 13.8439, 16.1161



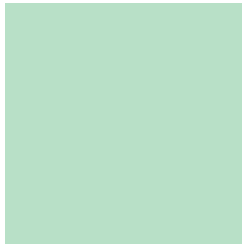
20.7062, 10.3495, 15.6505



1.4782, 0.7346, 1.3112

Previews

White Background



This preview shows how the XYZ color 56.7316, 67.6252, 64.0957 looks on a white background.

Color Contrast Check

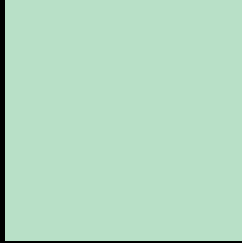
Large Text (above 18pt) WCAG AA × Fail

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 56.7316, 67.6252, 64.0957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

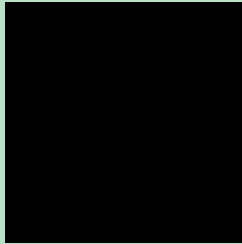
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

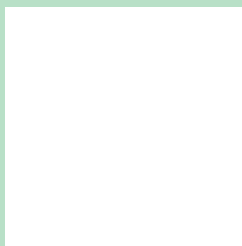
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7316, 67.6252, 64.0957

Background



This preview shows how black text looks on a background with the XYZ color 56.7316, 67.6252, 64.0957.



This preview shows how white text looks on a background with the XYZ color 56.7316, 67.6252,

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

56.7316, 67.6252, 64.0957

Protanopia

63.8513, 67.1267, 60.0435

Deuteranopia

68.6889, 67.2882, 65.8675



Tritanopia

61.9577, 67.7955, 89.1772

Trichromacy



Original Color

56.7316, 67.6252, 64.0957

Protanomaly

60.9577, 67.1211, 61.3726

Deuteranomaly

63.6683, 66.9128, 65.4369

Tritanomaly

59.9148, 67.7320, 79.7278

Monochromacy



Original Color

56.7316, 67.6252, 64.0957

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 56.7316, 67.6252, 64.0957 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(184, 224, 199)` looks like.

```
.text, #text, p{  
    color:rgb(184, 224, 199)  
}
```

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(184, 224, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 224, 199) }
```

Border

The CSS property to change the border of an element to XYZ 56.7316, 67.6252, 64.0957 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(184, 224, 199) }
```


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

```
.border{ border-color:rgb(184, 224, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 224, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 224, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 224, 199);  
box-shadow:4px 4px 4px 4px rgb(184, 224,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7316, 67.6252, 64.0957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 224, 199) }
```

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

```
.background{ background-color: rgb(184,  
224, 199) }
```

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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