

Converting Colors

XYZ(56.8605, 67.3764, 64.8263)

Have a look what the booklet for
XYZ(56.8605, 67.3764, 64.8263)
contains.

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Color

**XYZ(56.8206, 67.2598,
64.6313)**

Conversions

Conversions Part 1

Format	Color
Hex	B9DFC8
RGB	185, 223, 200
RGB Percent	73%, 87%, 78%
CMY	0.2745, 0.1255, 0.2157
CMYK	0.17, 0.00, 0.10, 0.13
HSL	144°, 37%, 80%
HSV	144°, 17%, 87%
XYZ	56.8206, 67.2598, 64.6313
YIQ	209.0160, -15.2650, -15.2090

Conversions

Conversions Part 2

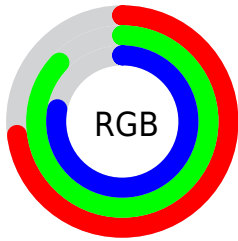
Format	Color
RYB	185, 212, 223
Decimal	12181448
CIELab	85.63, -16.88, 7.15
CIELCh	86, 18.330, 157.042
Yxy	67.2598, 0.3011, 0.3564
Android (android.graphics.Color)	4290371528 (0xFFB9DFC8)
YUV	209.0160, -4.4449, -21.0620
Hunter-Lab	82.0121, -19.8506, 10.6837

Details

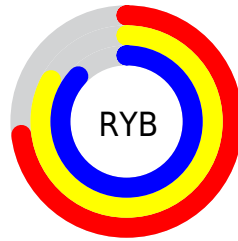
The XYZ color **56.8206, 67.2598, 64.6313** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.1679, 54.9416, 67.1638**, and the grayscale version is **60.6515, 63.8101, 69.4892**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **28.5510, 34.9059, 32.4268** is the 20% darker color. If you saturate the color by 10%, you get **50.3486, 64.0996, 56.4543**, and if you desaturate by 10%, it is **64.2794, 70.9164, 73.5844**.

Distribution



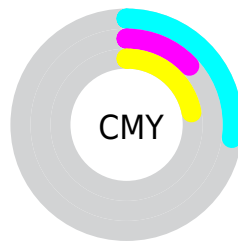
- Red (73%)
- Green (87%)
- Blue (78%)



- Red (73%)
- Yellow (83%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)





- Cyan (27%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.8206, 67.2598, 64.6313 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 56.8206, 67.2598, 64.6313 by changing the saturation by 10% instead.


 56.8206, 67.2598,
64.6313

 56.8206, 67.2598,
64.6313


402.8018,
450.8690, 459.7357

 41.1008, 49.2958,
46.7127


 99.3362, 115.2926,
113.1278

 28.5859, 34.8542,
32.4559


126.8628,
146.1302, 144.5428

 18.9105, 23.5506,
21.4423


159.0556,
182.0277, 181.2938

 11.7092, 15.0006,
13.2533

196.2802,
223.3697, 223.7991

 6.6168, 8.8198,
7.4704

238.9017,
270.5403, 272.4774

 3.2678, 4.6238,
3.6751


287.2855,

 1.2969, 2.0283,


323.9242, 327.7473


1.4489


341.7971,
383.9056, 390.0272


 0.1809, 0.6238,
0.1794


 0.0000, 0.0000,
0.0000


 56.8206, 67.2598,
64.6313


 56.8206, 67.2598,
64.6313


 50.3486, 64.0996,
56.4543


 64.2794, 70.9164,
73.5844


 44.8151, 61.4056,
49.0283

 72.7596, 75.0812,
83.3291

 40.1759, 59.1573,
42.3330

 82.3008, 79.7761,
93.8860

 36.3808, 57.3295,
36.3459

 85.5176, 81.1934,
104.9263

■ 33.3745, 55.8939,
31.0429

■ 85.6790, 81.2579,
105.7763

■ 31.0947, 54.8191,
26.3988

■ 29.4691, 54.0682,
22.3865

■ 28.4040, 53.5935,
18.9763

■ 28.1513, 53.4829,
18.0768

Harmonies

Analogous

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



59.2153, 67.2598, 56.3799



56.8206, 67.2598, 64.6313



56.2907, 67.2598, 76.0883

Triad

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



56.8206, 67.2598, 64.6313



64.9173, 67.2598, 98.4922



70.5497, 67.2598, 60.2445

Complementary

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



56.8206, 67.2598, 64.6313



59.1679, 54.9416, 67.1638

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.



72.2276, 67.2598, 70.4529



56.8206, 67.2598, 64.6313



68.8852, 67.2598, 93.1522

Square

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



56.8206, 67.2598, 64.6313



60.8493, 67.2598, 96.4991



71.6056, 67.2598, 82.5691



67.1097, 67.2598, 54.0461

Rectangle

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



56.8206, 67.2598, 64.6313



57.0443, 67.2598, 84.1877



71.6056, 67.2598, 82.5691



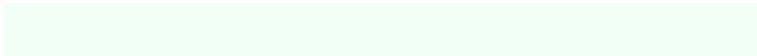
71.3452, 67.2598, 63.2751

Sweetspot

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



56.8225, 67.2626, 64.6328



89.2960, 97.1744, 102.2746



61.2815, 69.7541, 56.1338



18.9460, 20.7174, 21.6964



0.0000, 0.0000, 0.0000



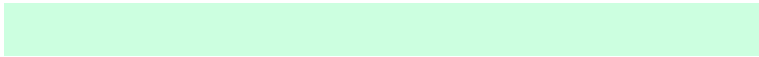
20.3446, 21.4041, 23.3091

Same Dimension

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



56.8225, 67.2626, 64.6328



74.1340, 89.7463, 84.0291



59.1267, 68.1843, 76.7668



13.7517, 15.4264, 15.7278



16.6037, 31.4663, 10.9021



1.1941, 2.1983, 0.9830

Inverse Universe

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



59.1679, 54.9416, 67.1638



77.8095, 70.4364, 87.9933



57.0148, 54.0804, 55.8258



14.0539, 13.8392, 16.0542



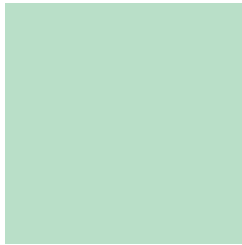
20.5209, 10.2753, 14.6745



1.4661, 0.7297, 1.2472

Previews

White Background



This preview shows how the XYZ color 56.8206, 67.2598, 64.6313 looks on a white background.

Color Contrast Check

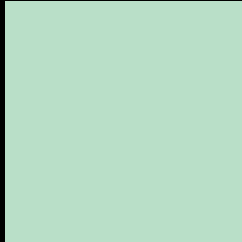
Large Text (above 18pt) WCAG AA × Fail

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 56.8206, 67.2598, 64.6313 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

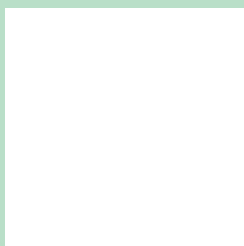
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8206, 67.2598, 64.6313

Background



This preview shows how black text looks on a background with the XYZ color 56.8206, 67.2598, 64.6313.

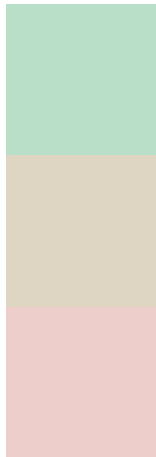


This preview shows how white text looks on a background with the XYZ color 56.8206, 67.2598,

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

56.8206, 67.2598, 64.6313

Protanopia

63.7688, 67.0582, 61.2123

Deuteranopia

68.1107, 66.6316, 65.7713



Tritanopia

61.5527, 67.2173, 88.3273

Trichromacy



Original Color

56.8206, 67.2598, 64.6313

Protanomaly

61.1854, 67.2122, 62.5718

Deuteranomaly

63.4176, 66.4113, 65.3533

Tritanomaly

59.7643, 67.2791, 78.9435

Monochromacy



Original Color

56.8206, 67.2598, 64.6313

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.0066, 64.8287, 67.7957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8206, 67.2598, 64.6313 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, 223, 200)` looks like.

```
.text, #text, p{  
    color:rgb(185, 223, 200)  
}
```

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, 223, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 223, 200) }
```

Border

The CSS property to change the border of an element to XYZ 56.8206, 67.2598, 64.6313 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, 223, 200) }
```


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

```
.border{ border-color:rgb(185, 223, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 223, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 223, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 223, 200);  
box-shadow:4px 4px 4px 4px rgb(185, 223,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8206, 67.2598, 64.6313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 223, 200) }
```

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

```
.background{ background-color: rgb(185,  
223, 200) }
```

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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