

Converting Colors

XYZ(55.3052, 63.2204, 67.6284)

Have a look what the booklet for
XYZ(55.3052, 63.2204, 67.6284)
contains.

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Color

**XYZ(55.4486, 63.3714,
67.7020)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B9D7CE |
| RGB | 185, 215, 206 |
| RGB Percent | 73%, 84%, 81% |
| CMY | 0.2745, 0.1568, 0.1922 |
| CMYK | 0.14, 0.00, 0.04, 0.16 |
| HSL | 162°, 27%, 78% |
| HSV | 162°, 14%, 84% |
| XYZ | 55.4486, 63.3714, 67.7020 |
| YIQ | 205.0040, -14.9910, -9.1590 |

Conversions

Conversions Part 2

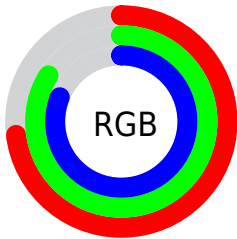
| Format | Color |
|-------------------------------------|--|
| RYB | 185, 203, 215 |
| Decimal | 12179406 |
| CIELab | 83.64, -11.69, 1.08 |
| CIElCh | 84, 11.736, 174.697 |
| Yxy | 63.3714, 0.2973, 0.3398 |
| Android (android.graphics.Color) | 4290369486 (0xFFB9D7CE) |
| YUV | 205.0040, 0.4910, -17.5435 |
| Hunter-Lab | 79.6062, -14.9790, 5.3004 |

Details

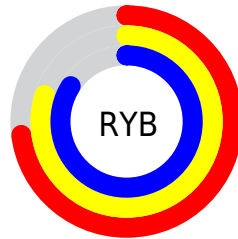
The XYZ color **55.4486, 63.3714, 67.7020** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.1132, 53.0417, 58.3750**, and the grayscale version is **58.0361, 61.0585, 66.4928**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **27.7540, 32.3141, 34.4802** is the 20% darker color. If you saturate the color by 10%, you get **49.8815, 60.5919, 63.4346**, and if you desaturate by 10%, it is **61.8358, 66.5734, 72.1784**.

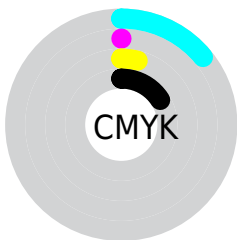
Distribution



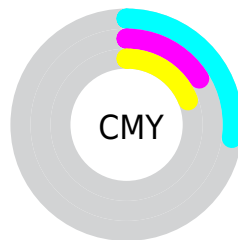
- Red (73%)
- Green (84%)
- Blue (81%)



- Red (73%)
- Yellow (80%)
- Blue (84%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (27%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4486, 63.3714, 67.7020 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 55.4486, 63.3714, 67.7020 by changing the saturation by 10% instead.

■ 55.4486, 63.3714,
67.7020

■ 55.4486, 63.3714,
67.7020

397.7190,
436.9161, 471.0088

■ 39.9963, 46.1417,
49.1902

■ 97.3424, 109.7052,
117.5759

■ 27.7198, 32.3577,
34.4037

124.5146,
139.5780, 149.7751

■ 18.2539, 21.6348,
22.9240

156.3241,
174.4341, 187.3737

■ 11.2332, 13.5888,
14.3326

193.1363,
214.6577, 230.7905

■ 6.2924, 7.8353,
8.2110

235.3165,
260.6334, 280.4438

■ 3.0660, 3.9897,
4.1406

283.2301,

■ 1.1888, 1.6678,

312.7454, 336.7523

1.7028

337.2425,
371.3782, 400.1344

■ 0.0975, 0.4027,
0.3626

■ 0.0000, 0.0000,
0.0000

■ 55.4486, 63.3714,
67.7020

■ 55.4486, 63.3714,
67.7020

■ 49.8815, 60.5919,
63.4346

■ 61.8358, 66.5734,
72.1784

■ 45.0937, 58.2087,
59.3683


■ 69.0710, 70.2071,
76.8632


■ 41.0488, 56.2049,
55.5007


■ 77.1875, 74.2913,
81.7610


■ 37.7053, 54.5591,
51.8278


■ 80.0799, 75.6786,
86.5880


 35.0176, 53.2479,
48.3455


 81.0125, 76.0516,
91.4990


 32.9345, 52.2448,
45.0491


 81.9791, 76.4382,
96.5890

 31.3968, 51.5194,
41.9336

 82.9800, 76.8386,
101.8597

 30.3327, 51.0348,
38.9936

 83.5916, 77.0832,
105.0805

 29.8460, 50.8210,
37.2969

Harmonies

Analogous

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



56.2921, 63.3714, 61.1469



55.4486, 63.3714, 67.7020



55.8570, 63.3714, 75.0795

Triad

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



55.4486, 63.3714, 67.7020



62.3193, 63.3714, 82.6623



63.1314, 63.3714, 58.0914

Complementary

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



55.4486, 63.3714, 67.7020



55.1132, 53.0417, 58.3750

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.



64.8310, 63.3714, 63.2592



55.4486, 63.3714, 67.7020



64.3529, 63.3714, 77.4997

Square

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



55.4486, 63.3714, 67.7020



59.7774, 63.3714, 84.0609



65.2842, 63.3714, 70.3159



60.6901, 63.3714, 55.8561

Rectangle

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



55.4486, 63.3714, 67.7020



56.7905, 63.3714, 79.4326



65.2842, 63.3714, 70.3159



63.8111, 63.3714, 59.5246

Sweetspot

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



55.4504, 63.3741, 67.7034



90.9075, 97.9209, 106.1543



55.4361, 63.6421, 55.2622



19.2961, 20.8779, 22.6121



0.0000, 0.0000, 0.0000



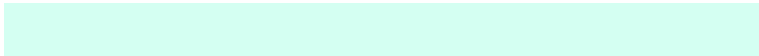
20.3446, 21.4041, 23.3091

Same Dimension

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



55.4504, 63.3741, 67.7034



78.8364, 91.8754, 97.5766



55.1987, 61.0697, 73.1715



12.6261, 14.0414, 15.1112



17.8995, 30.4151, 22.5641



1.1154, 1.8488, 1.5494

Inverse Universe

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



55.1132, 53.0417, 58.3750



78.2401, 73.5898, 81.0704



55.3053, 54.9955, 53.6002



12.5751, 12.4815, 13.7027



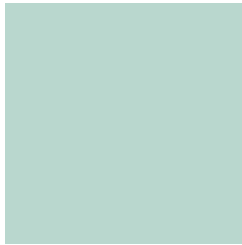
17.3654, 8.8825, 3.9622



1.0837, 0.5503, 0.4301

Previews

White Background



This preview shows how the XYZ color 55.4486, 63.3714, 67.7020 looks on a white background.

Color Contrast Check

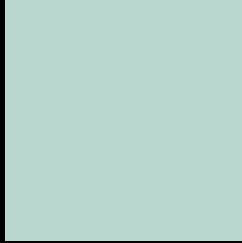
Large Text (above 18pt) WCAG AA × Fail

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 55.4486, 63.3714, 67.7020 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

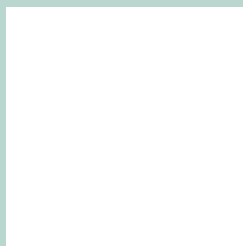
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4486, 63.3714, 67.7020

Background



This preview shows how black text looks on a background with the XYZ color 55.4486, 63.3714, 67.7020.

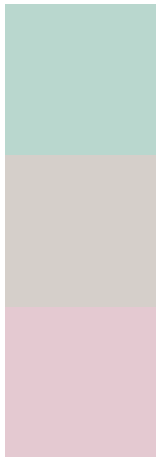


This preview shows how white text looks on a background with the XYZ color 55.4486, 63.3714,

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

55.4486, 63.3714, 67.7020

Protanopia

60.4141, 63.0360, 64.8601

Deuteranopia

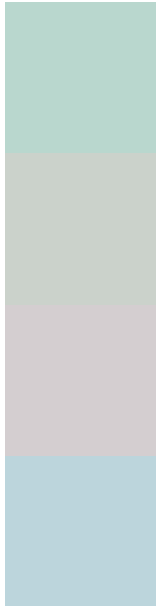
64.3902, 62.8707, 69.0631



Tritanopia

58.5333, 63.5072, 82.5719

Trichromacy



Original Color

55.4486, 63.3714, 67.7020

Protanomaly

58.4547, 63.1015, 65.5988

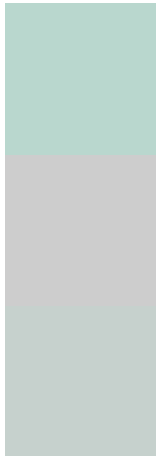
Deuteranomaly

60.6079, 62.6937, 68.5812

Tritanomaly

57.4516, 63.4472, 76.9287

Monochromacy



Original Color

55.4486, 63.3714, 67.7020

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.1086, 62.0145, 66.7177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4486, 63.3714, 67.7020 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, 215, 206) looks like.

```
.text, #text, p{  
    color:rgb(185, 215, 206)  
}
```

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, 215, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 215, 206) }
```

Border

The CSS property to change the border of an element to XYZ 55.4486, 63.3714, 67.7020 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, 215, 206) }
```


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

```
.border{ border-color:rgb(185, 215, 206) }
```

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

Here you see how a box with a 4 pixel rgb(185, 215, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 215, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 215, 206);  
box-shadow:4px 4px 4px 4px rgb(185, 215,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4486, 63.3714, 67.7020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 215, 206) }
```

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

```
.background{ background-color: rgb(185,  
215, 206) }
```

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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