

Converting Colors

XYZ(55.9649, 63.4920, 67.8097)

Have a look what the booklet for
XYZ(55.9649, 63.4920, 67.8097)
contains.

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Color

**XYZ(55.9345, 63.6219,
67.7247)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD7CE
RGB	187, 215, 206
RGB Percent	73%, 84%, 81%
CMY	0.2667, 0.1568, 0.1922
CMYK	0.13, 0.00, 0.04, 0.16
HSL	161°, 26%, 79%
HSV	161°, 13%, 84%
XYZ	55.9345, 63.6219, 67.7247
YIQ	205.6020, -13.7990, -8.7350

Conversions

Conversions Part 2

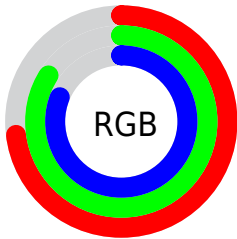
Format	Color
RYB	187, 204, 215
Decimal	12310478
CIELab	83.77, -11.03, 1.29
CIELCh	84, 11.109, 173.324
Yxy	63.6219, 0.2987, 0.3397
Android (android.graphics.Color)	4290500558 (0xFFBBD7CE)
YUV	205.6020, 0.1962, -16.3140
Hunter-Lab	79.7633, -14.4117, 5.4929

Details

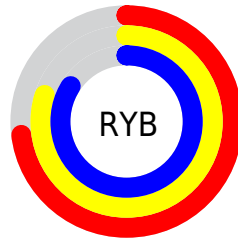
The XYZ color **55.9345, 63.6219, 67.7247** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.7607, 53.9748, 59.7066**, and the grayscale version is **58.4184, 61.4607, 66.9307**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **28.0698, 32.4769, 34.4950** is the 20% darker color. If you saturate the color by 10%, you get **50.2423, 60.7841, 63.1715**, and if you desaturate by 10%, it is **62.4548, 66.8858, 72.5121**.

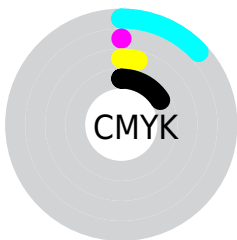
Distribution



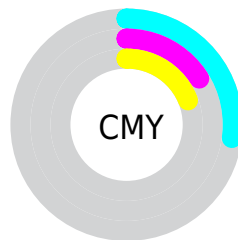
- Red (73%)
- Green (84%)
- Blue (81%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9345, 63.6219, 67.7247 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 55.9345, 63.6219, 67.7247 by changing the saturation by 10% instead.

■ 55.9345, 63.6219,
67.7247

■ 55.9345, 63.6219,
67.7247

399.5236,
437.8230, 471.0915

■ 40.3872, 46.3445,
49.2085

■ 98.0492, 110.0662,
117.6087

■ 28.0261, 32.5178,
34.4181

125.3473,
140.0020, 149.8136

■ 18.4859, 21.7573,
22.9351

157.2930,
174.9259, 187.4185

■ 11.4012, 13.6787,
14.3407

194.2517,
215.2225, 230.8419

■ 6.4066, 7.8975,
8.2166

236.5888,
261.2761, 280.5024

■ 3.1369, 4.0294,
4.1441

284.6695,

■ 1.2266, 1.6900,

313.4711, 336.8184

1.7047

338.8594,
372.1919, 400.2086

■ 0.1272, 0.4172,
0.3640

■ 0.0000, 0.0000,
0.0000

■ 55.9345, 63.6219,
67.7247

■ 55.9345, 63.6219,
67.7247

■ 50.2423, 60.7841,
63.1715

■ 62.4548, 66.8858,
72.5121

■ 45.3373, 58.3462,
58.8442

■ 69.8309, 70.5848,
77.5335

■ 41.1835, 56.2914,
54.7399

■ 78.0959, 74.7377,
82.7941

■ 37.7397, 54.5984,
50.8542

■ 80.3429, 75.7838,
87.9729

■ 34.9604, 53.2441,
47.1823

■ 81.3538, 76.1881,
93.2961

■ 32.7950, 52.2022,
43.7193

■ 82.4038, 76.6081,
98.8255

■ 31.1851, 51.4427,
40.4596

■ 83.4934, 77.0440,
104.5634

■ 30.0603, 50.9295,
37.3972

■ 83.5916, 77.0833,
105.0805

■ 29.4806, 50.6748,
35.3725

Harmonies

Analogous

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



56.7895, 63.6219, 61.5621



55.9345, 63.6219, 67.7247



56.2685, 63.6219, 74.7243

Triad

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



55.9345, 63.6219, 67.7247



62.3452, 63.6219, 82.3435



63.3133, 63.6219, 59.0570

Complementary

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



55.9345, 63.6219, 67.7247



55.7607, 53.9748, 59.7066

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.



64.8770, 63.6219, 64.0943



55.9345, 63.6219, 67.7247



64.3077, 63.6219, 77.6032

Square

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



55.9345, 63.6219, 67.7247



59.9275, 63.6219, 83.4772



65.2458, 63.6219, 70.8456



61.0172, 63.6219, 56.7798

Rectangle

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



55.9345, 63.6219, 67.7247



57.1251, 63.6219, 78.8962



65.2458, 63.6219, 70.8456



63.9445, 63.6219, 60.4667

Sweetspot

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



55.9363, 63.6246, 67.7261



90.8729, 97.9071, 105.9720



56.1239, 63.9721, 56.4044



19.2873, 20.8744, 22.5659



0.0000, 0.0000, 0.0000



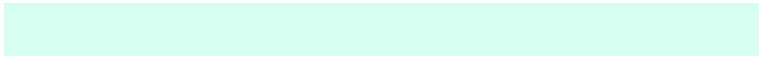
20.3446, 21.4041, 23.3091

Same Dimension

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



55.9363, 63.6246, 67.7261



79.5593, 92.2500, 97.5248



55.8903, 61.7316, 73.2628



12.6144, 14.0368, 15.0500



17.6824, 30.3283, 21.4208



1.1036, 1.8441, 1.4871

Inverse Universe

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



55.7607, 53.9748, 59.7066



79.2462, 75.0180, 83.2062



55.7725, 55.5897, 54.8049



12.5862, 12.4860, 13.7610



17.4498, 8.9162, 4.4068



1.0898, 0.5527, 0.4625

Previews

White Background



This preview shows how the XYZ color 55.9345, 63.6219, 67.7247 looks on a white background.

Color Contrast Check

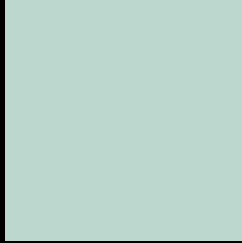
Large Text (above 18pt) WCAG AA × Fail

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 55.9345, 63.6219, 67.7247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

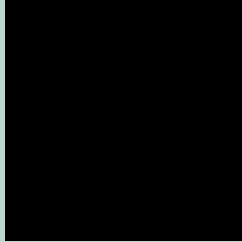
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

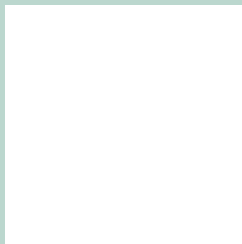
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9345, 63.6219, 67.7247

Background



This preview shows how black text looks on a background with the XYZ color 55.9345, 63.6219, 67.7247.



This preview shows how white text looks on a background with the XYZ color 55.9345, 63.6219,

67.7247.

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

55.9345, 63.6219, 67.7247

Protanopia

60.9481, 63.6722, 64.9548

Deuteranopia

64.6241, 63.3385, 69.1411



Tritanopia

59.0329, 63.7648, 82.5953

Trichromacy



Original Color

55.9345, 63.6219, 67.7247

Protanomaly

58.9756, 63.7377, 65.6942

Deuteranomaly

61.1386, 63.3258, 68.6753

Tritanomaly

57.9477, 63.7030, 76.9519

Monochromacy



Original Color

55.9345, 63.6219, 67.7247

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.4942, 62.1993, 67.3679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9345, 63.6219, 67.7247 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(187, 215, 206)` looks like.

```
.text, #text, p{  
    color:rgb(187, 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(187, 215, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 215, 206) }
```

Border

The CSS property to change the border of an element to XYZ 55.9345, 63.6219, 67.7247 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(187, 215, 206) }
```


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

```
.border{ border-color:rgb(187, 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(187, 215, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 215, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 215, 206); box-shadow:4px 4px 4px 4px rgb(187, 215, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9345, 63.6219, 67.7247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 215, 206) }
```

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

```
.background{ background-color: rgb(187,  
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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