

Converting Colors

XYZ(55.4463, 63.0488, 65.1244)

Have a look what the booklet for
XYZ(55.4463, 63.0488, 65.1244)
contains.

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Color

**XYZ(55.4463, 63.0488,
65.1244)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BCD6CA |
| RGB | 188, 214, 202 |
| RGB Percent | 74%, 84%, 79% |
| CMY | 0.2627, 0.1608, 0.2078 |
| CMYK | 0.12, 0.00, 0.06, 0.16 |
| HSL | 152°, 24%, 79% |
| HSV | 152°, 12%, 84% |
| XYZ | 55.4463, 63.0488, 65.1244 |
| YIQ | 204.8580, -11.6440, -9.2440 |

Conversions

Conversions Part 2

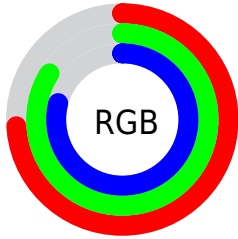
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 188, 205, 214 |
| Decimal | 12375754 |
| CIE Lab | 83.47, -10.96, 2.99 |
| CIE LCh | 83, 11.361, 164.756 |
| Yxy | 63.0488, 0.3020, 0.3434 |
| Android (android.graphics.Color) | 4290565834 (0xFFBCD6CA) |
| YUV | 204.8580, -1.4090, -14.7845 |
| Hunter-Lab | 79.4033, -14.3114, 6.9543 |

Details

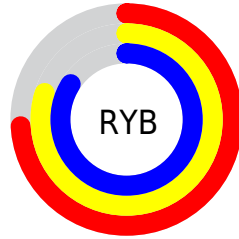
The XYZ color **55.4463, 63.0488, 65.1244** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.1424, 54.4344, 62.1944**, and the grayscale version is **57.9535, 60.9716, 66.3981**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **27.7351, 32.0853, 32.7483** is the 20% darker color. If you saturate the color by 10%, you get **49.4280, 60.0789, 58.9319**, and if you desaturate by 10%, it is **62.3247, 66.4570, 71.7507**.

Distribution



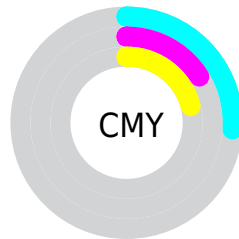
- Red (74%)
- Green (84%)
- Blue (79%)



- Red (74%)
- Yellow (80%)
- Blue (84%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (26%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4463, 63.0488, 65.1244 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 55.4463, 63.0488, 65.1244 by changing the saturation by 10% instead.

■ 55.4463, 63.0488,
65.1244

■ 55.4463, 63.0488,
65.1244

397.7104,
435.7466, 461.5573

■ 39.9944, 45.8807,
47.1100

■ 97.3391, 109.2399,
113.8437

■ 27.7184, 32.1517,
32.7676

124.5106,
139.0317, 145.3856

■ 18.2528, 21.4774,
21.6788

156.3195,
173.8002, 182.2738

■ 11.2325, 13.4734,
13.4251

193.1310,
213.9297, 224.9268

■ 6.2919, 7.7553,
7.5877

235.3105,
259.8047, 273.7630

■ 3.0657, 3.9388,
3.7483

283.2233,

■ 1.1886, 1.6394,

311.8096, 329.2012

1.4883

337.2348,
370.3288, 391.6598

0.0973, 0.3839,
0.2092

0.0000, 0.0000,
0.0000

55.4463, 63.0488,
65.1244

55.4463, 63.0488,
65.1244

49.4280, 60.0789,
58.9319

62.3247, 66.4570,
71.7507

44.2290, 57.5210,
53.1600

70.0916, 70.3126,
78.8153

39.8127, 55.3584,
47.8010

78.7803, 74.6345,
86.3279

36.1377, 53.5697,
42.8452

81.2422, 75.7373,
93.9606

■ 33.1585, 52.1318,
38.2825

■ 82.7626, 76.3455,
101.9674

■ 30.8246, 51.0187,
34.1024

■ 83.3378, 76.5755,
104.9959

■ 29.0778, 50.2007,
30.2936

■ 27.8488, 49.6422,
26.8440

■ 27.1549, 49.3384,
24.3777

Harmonies

Analogous

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



56.6340, 63.0488, 59.4099



55.4463, 63.0488, 65.1244



55.4363, 63.0488, 72.1834

Triad

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



55.4463, 63.0488, 65.1244



61.1476, 63.0488, 82.7058



63.3729, 63.0488, 59.4844

Complementary

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



55.4463, 63.0488, 65.1244



56.1424, 54.4344, 62.1944

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.



64.6517, 63.0488, 65.2327



55.4463, 63.0488, 65.1244



63.3431, 63.0488, 78.8005

Square

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



55.4463, 63.0488, 65.1244



58.6822, 63.0488, 82.6718



64.6407, 63.0488, 72.2994



61.1873, 63.0488, 56.3097

Rectangle

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



55.4463, 63.0488, 65.1244



56.0967, 63.0488, 76.7247



64.6407, 63.0488, 72.2994



63.9257, 63.0488, 61.1617

Sweetspot

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



55.4481, 63.0515, 65.1258



90.6475, 97.8170, 104.7853



56.9809, 64.0246, 56.9327



19.2302, 20.8516, 22.2653



0.0000, 0.0000, 0.0000



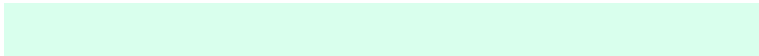
20.3446, 21.4041, 23.3091

Same Dimension

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



55.4481, 63.0515, 65.1258



79.6373, 92.3680, 94.0156



56.7066, 63.2048, 72.8325



12.5392, 14.0067, 14.6537



16.4657, 29.8416, 15.0138



1.0347, 1.8165, 1.1246

Inverse Universe

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



56.1424, 54.4344, 62.1944



80.8982, 76.7208, 88.6932



54.9795, 54.2664, 55.1546



12.6593, 12.5152, 14.1463



18.1683, 9.2036, 8.1904



1.1374, 0.5717, 0.7127

Previews

White Background



This preview shows how the XYZ color 55.4463, 63.0488, 65.1244 looks on a white background.

Color Contrast Check

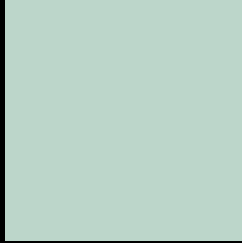
Large Text (above 18pt) WCAG AA × Fail

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 55.4463, 63.0488, 65.1244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

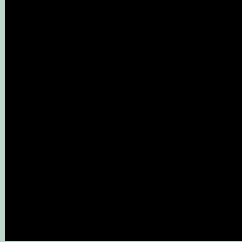
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

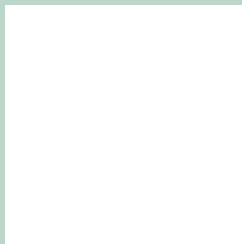
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4463, 63.0488, 65.1244

Background



This preview shows how black text looks on a background with the XYZ color 55.4463, 63.0488, 65.1244.



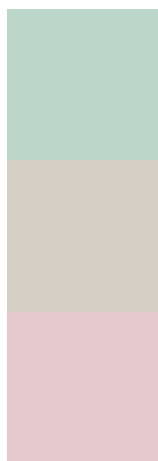
This preview shows how white text looks on a background with the XYZ color 55.4463, 63.0488,

65.1244.

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

55.4463, 63.0488, 65.1244

Protanopia

60.2374, 62.9990, 62.4113

Deuteranopia

64.2192, 62.8391, 66.5020



Tritanopia

58.6499, 62.8457, 81.7123

Trichromacy



Original Color

55.4463, 63.0488, 65.1244

Protanomaly

58.5322, 63.1958, 63.1459

Deuteranomaly

60.7019, 62.7984, 66.0487

Tritanomaly

57.4350, 62.7269, 75.4100

Monochromacy



Original Color

55.4463, 63.0488, 65.1244

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.0081, 61.6135, 66.0147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4463, 63.0488, 65.1244 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(188, 214, 202)` looks like.

```
.text, #text, p{  
    color:rgb(188, 214, 202)  
}
```

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(188, 214, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 214, 202) }
```

Border

The CSS property to change the border of an element to XYZ 55.4463, 63.0488, 65.1244 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(188, 214, 202) }
```


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

```
.border{ border-color:rgb(188, 214, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 214, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 214, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 214, 202);  
box-shadow:4px 4px 4px 4px rgb(188, 214,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4463, 63.0488, 65.1244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 214, 202) }
```

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

```
.background{ background-color: rgb(188,  
214, 202) }
```

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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