

Converting Colors

XYZ(55.6695, 65.3882, 68.3656)

Have a look what the booklet for
XYZ(55.6695, 65.3882, 68.3656)
contains.

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Color

**XYZ(55.5562, 65.3459,
68.0774)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B4DCCE |
| RGB | 180, 220, 206 |
| RGB Percent | 71%, 86%, 81% |
| CMY | 0.2941, 0.1372, 0.1922 |
| CMYK | 0.18, 0.00, 0.06, 0.14 |
| HSL | 159°, 36%, 78% |
| HSV | 159°, 18%, 86% |
| XYZ | 55.5562, 65.3459, 68.0774 |
| YIQ | 206.4440, -19.3460, -12.8340 |

Conversions

Conversions Part 2

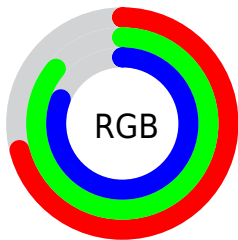
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 180, 204, 220 |
| Decimal | 11853006 |
| CIELab | 84.66, -15.83, 2.54 |
| CIELCh | 85, 16.032, 170.900 |
| Yxy | 65.3459, 0.2940, 0.3458 |
| Android (android.graphics.Color) | 4290043086 (0xFFB4DCCE) |
| YUV | 206.4440, -0.2189, -23.1914 |
| Hunter-Lab | 80.8368, -18.7879, 6.6542 |

Details

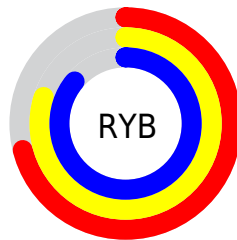
The XYZ color **55.5562, 65.3459, 68.0774** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.5764, 51.7550, 58.1024**, and the grayscale version is **58.9625, 62.0331, 67.5541**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **27.8750, 33.6893, 34.7393** is the 20% darker color. If you saturate the color by 10%, you get **49.9230, 62.5491, 63.0498**, and if you desaturate by 10%, it is **62.0519, 68.5855, 73.3874**.

Distribution



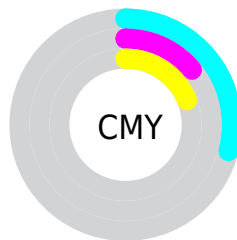
- Red (71%)
- Green (86%)
- Blue (81%)



- Red (71%)
- Yellow (80%)
- Blue (86%)



- Cyan (18%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)



- Cyan (29%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5562, 65.3459, 68.0774 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 55.5562, 65.3459, 68.0774 by changing the saturation by 10% instead.

■ 55.5562, 65.3459,
68.0774

■ 55.5562, 65.3459,
68.0774

398.1190,
444.0339, 472.3757

■ 40.0828, 47.7416,
49.4936

■ 97.4990, 112.5470,
118.1181

■ 27.7876, 33.6223,
34.6429

124.6991,
142.9126, 150.4122

■ 18.3053, 22.6036,
23.1065

156.5388,
178.3008, 188.1133

■ 11.2704, 14.3011,
14.4662

193.3835,
219.0959, 231.6402

■ 6.3176, 8.3304,
8.3032

235.5985,
265.6824, 281.4114

■ 3.0817, 4.3071,
4.1990

283.5492,

■ 1.1971, 1.8468,

318.4447, 337.8453

1.7351

337.6009,
377.7670, 401.3606

■ 0.1041, 0.5161,
0.3846

■ 0.0000, 0.0000,
0.0000

■ 55.5562, 65.3459,
68.0774

■ 55.5562, 65.3459,
68.0774

■ 49.9230, 62.5491,
63.0498

■ 62.0519, 68.5855,
73.3874

■ 45.1078, 60.1671,
58.2951

■ 69.4409, 72.2786,
78.9805

■ 41.0705, 58.1809,
53.8093

■ 77.7592, 76.4453,
84.8631

■ 37.7652, 56.5670,
49.5867

■ 82.0922, 78.5519,
90.8082

■ 35.1411, 55.2992,
45.6213

■ 83.2408, 79.0113,
96.8564

■ 33.1404, 54.3480,
41.9067

■ 84.4383, 79.4903,
103.1623

■ 31.6954, 53.6784,
38.4359

■ 84.8844, 79.6688,
105.5115

■ 30.7084, 53.2402,
35.2005

■ 30.5517, 53.1717,
34.6361

Harmonies

Analogous

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



56.9182, 65.3459, 59.4256



55.5562, 65.3459, 68.0774



55.8970, 65.3459, 78.4189

Triad

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



55.5562, 65.3459, 68.0774



64.5979, 65.3459, 91.2061



66.5534, 65.3459, 56.9196

Complementary

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



55.5562, 65.3459, 68.0774



55.5764, 51.7550, 58.1024

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.



68.7657, 65.3459, 64.3459



55.5562, 65.3459, 68.0774



67.6069, 65.3459, 84.3245

Square

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



55.5562, 65.3459, 68.0774



61.0268, 65.3459, 92.4497



69.1585, 65.3459, 74.3149



63.2046, 65.3459, 53.4031

Rectangle

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



55.5562, 65.3459, 68.0774



57.0494, 65.3459, 84.8570



69.1585, 65.3459, 74.3149



67.4599, 65.3459, 59.0058

Sweetspot

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



55.5580, 65.3486, 68.0789



89.8035, 97.3774, 104.9470



56.2532, 66.0423, 52.9637



19.0694, 20.7667, 22.3458



0.0000, 0.0000, 0.0000



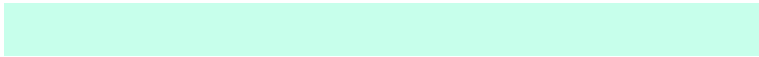
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5580, 65.3486, 68.0789



74.3344, 89.6675, 92.2615



55.9585, 63.3045, 76.9829



13.2412, 14.7481, 15.7332



17.9842, 31.2263, 20.6141



1.2053, 2.0391, 1.5472

Inverse Universe

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



55.5764, 51.7550, 58.1024



74.3658, 67.1510, 75.7413



55.1743, 53.3503, 50.5708



13.2433, 13.1264, 14.5425



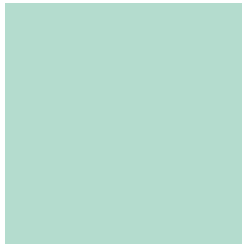
18.1564, 9.2636, 5.2036



1.2162, 0.6161, 0.5477

Previews

White Background



This preview shows how the XYZ color 55.5562, 65.3459, 68.0774 looks on a white background.

Color Contrast Check

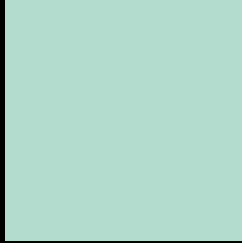
Large Text (above 18pt) WCAG AA × Fail

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 55.5562, 65.3459, 68.0774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

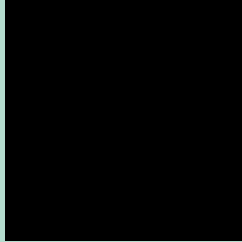
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

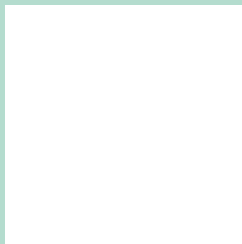
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5562, 65.3459, 68.0774

Background



This preview shows how black text looks on a background with the XYZ color 55.5562, 65.3459, 68.0774.

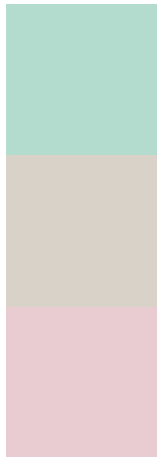


This preview shows how white text looks on a background with the XYZ color 55.5562, 65.3459,

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 |
| 55.5562, 65.3459, 68.0774 |
| Protanopia |
| 62.0872, 65.0150, 63.9204 |
| Deuteranopia |
| 66.3802, 64.9450, 69.3586 |



Tritanopia

59.2714, 65.3092, 86.5728

Trichromacy



Original Color

55.5562, 65.3459, 68.0774

Protanomaly

59.6091, 65.1948, 65.3192

Deuteranomaly

61.8723, 64.7934, 68.9199

Tritanomaly

57.6606, 65.0207, 79.3233

Monochromacy



Original Color

55.5562, 65.3459, 68.0774

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.4608, 62.9151, 67.5078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5562, 65.3459, 68.0774 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(180, 220, 206)` looks like.

```
.text, #text, p{  
    color:rgb(180, 220, 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(180, 220, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 220, 206) }
```

Border

The CSS property to change the border of an element to XYZ 55.5562, 65.3459, 68.0774 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(180, 220, 206) }
```


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

```
.border{ border-color:rgb(180, 220, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 220, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 220, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 220, 206);  
box-shadow:4px 4px 4px 4px rgb(180, 220,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5562, 65.3459, 68.0774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 220, 206) }
```

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

```
.background{ background-color: rgb(180,  
220, 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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