

Converting Colors

XYZ(54.8144, 62.1205, 68.4994)

Have a look what the booklet for
XYZ(54.8144, 62.1205, 68.4994)
contains.

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Color

**XYZ(54.9466, 62.3329,
68.8100)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D5D0
RGB	184, 213, 208
RGB Percent	72%, 84%, 82%
CMY	0.2784, 0.1647, 0.1843
CMYK	0.14, 0.00, 0.02, 0.16
HSL	170°, 26%, 78%
HSV	170°, 14%, 84%
XYZ	54.9466, 62.3329, 68.8100
YIQ	203.7590, -15.6790, -7.7030

Conversions

Conversions Part 2

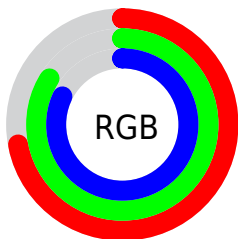
Format	Color
RYB	184, 200, 213
Decimal	12113360
CIELab	83.09, -10.59, -0.79
CIElCh	83, 10.620, 184.240
Yxy	62.3329, 0.2953, 0.3350
Android (android.graphics.Color)	4290303440 (0xFFB8D5D0)
YUV	203.7590, 2.0908, -17.3286
Hunter-Lab	78.9512, -13.9363, 3.5916

Details

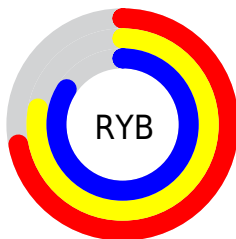
The XYZ color **54.9466, 62.3329, 68.8100** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.7686, 52.1029, 55.3699**, and the grayscale version is **57.2381, 60.2190, 65.5785**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **27.4197, 31.6121, 35.2284** is the 20% darker color. If you saturate the color by 10%, you get **49.7770, 59.7212, 66.2366**, and if you desaturate by 10%, it is **60.8985, 65.3501, 71.4773**.

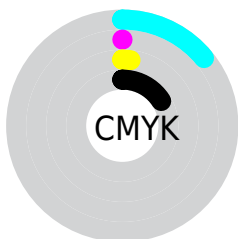
Distribution



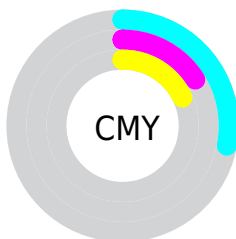
- Red (72%)
- Green (84%)
- Blue (82%)



- Red (72%)
- Yellow (78%)
- Blue (84%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)



- Cyan (28%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9466, 62.3329, 68.8100 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 54.9466, 62.3329, 68.8100 by changing the saturation by 10% instead.

■ 54.9466, 62.3329,
68.8100

■ 54.9466, 62.3329,
68.8100

395.8492,
433.1444, 475.0363

■ 39.5926, 45.3017,
50.0862

■ 96.6115, 108.2065,
119.1753

■ 27.4039, 31.6952,
35.1102

123.6531,
137.8178, 151.6539

■ 18.0149, 21.1288,
23.4636

155.3214,
172.3912, 189.5545

■ 11.0605, 13.2182,
14.7277

191.9816,
212.3111, 233.2956

■ 6.1751, 7.5789,
8.4840

233.9991,
257.9620, 283.2958

■ 2.9935, 3.8267,
4.3140

281.7393,

■ 1.1503, 1.5771,

309.7283, 339.9736

1.7991

335.5676,
367.9943, 403.7476

■ 0.0666, 0.3421,
0.4274

■ 0.0000, 0.0000,
0.0000

■ 54.9466, 62.3329,
68.8100

■ 54.9466, 62.3329,
68.8100

■ 49.7770, 59.7212,
66.2366

■ 60.8985, 65.3501,
71.4773

■ 45.3500, 57.4894,
63.7509


■ 67.6596, 68.7815,
74.2363


■ 41.6307, 55.6213,
61.3523


■ 75.2619, 72.6453,
77.0900


■ 38.5788, 54.0960,
59.0385

■ 78.3141, 74.1623,
79.7865


 36.1503, 52.8910,
56.8070


 78.8141, 74.3623,
82.4197


 34.2956, 51.9806,
54.6553


 79.3250, 74.5666,
85.1099


 32.9577, 51.3354,
52.5802

 79.8467, 74.7753,
87.8573

 32.0673, 50.9197,
50.5781

 80.3794, 74.9884,
90.6624

 31.6577, 50.7357,
49.3344

 80.9231, 75.2059,
93.5254

Harmonies

Analogous

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



55.3538, 62.3329, 62.5165



54.9466, 62.3329, 68.8100



55.6666, 62.3329, 75.2435

Triad

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



54.9466, 62.3329, 68.8100



61.7671, 62.3329, 78.8802



61.1871, 62.3329, 57.0971

Complementary

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



54.9466, 62.3329, 68.8100



53.7686, 52.1029, 55.3699

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.



62.9747, 62.3329, 60.9946



54.9466, 62.3329, 68.8100



63.3156, 62.3329, 73.5206

Square

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



54.9466, 62.3329, 68.8100



59.5729, 62.3329, 81.2909



63.7631, 62.3329, 66.9385



58.9194, 62.3329, 56.0140

Rectangle

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



54.9466, 62.3329, 68.8100



56.7002, 62.3329, 78.6675



63.7631, 62.3329, 66.9385



61.8659, 62.3329, 58.1086

Sweetspot

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



54.9484, 62.3355, 68.8114



91.1144, 98.0037, 107.2439



53.5128, 61.9112, 54.4781



19.3486, 20.8989, 22.8885



0.0000, 0.0000, 0.0000



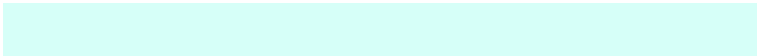
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9484, 62.3355, 68.8114



80.4873, 92.6212, 102.4116



53.3286, 58.0953, 71.3566



12.6959, 14.0694, 15.4793



19.3705, 31.0036, 30.3105



1.1931, 1.8799, 1.9588

Inverse Universe

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



53.7686, 52.1029, 55.3699



78.4201, 74.6876, 78.8560



55.2049, 55.8298, 53.2151



12.5098, 12.4554, 13.3589



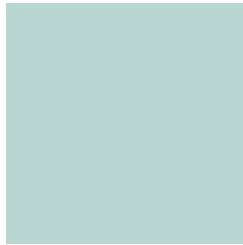
16.9896, 8.7322, 1.9832



1.0520, 0.5376, 0.2631

Previews

White Background



This preview shows how the XYZ color 54.9466, 62.3329, 68.8100 looks on a white background.

Color Contrast Check

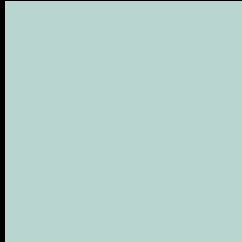
Large Text (above 18pt) WCAG AA × Fail

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 54.9466, 62.3329, 68.8100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

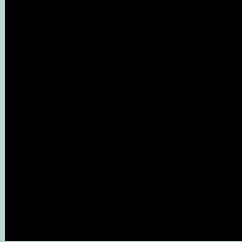
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

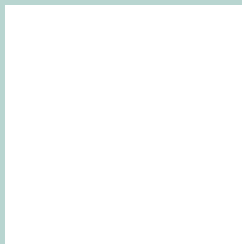
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9466, 62.3329, 68.8100

Background



This preview shows how black text looks on a background with the XYZ color 54.9466, 62.3329, 68.8100.

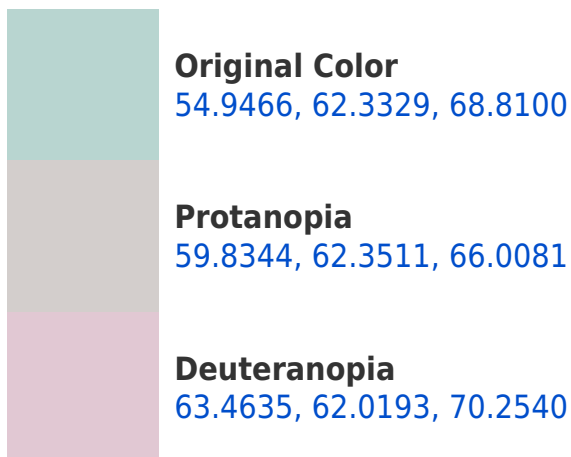


This preview shows how white text looks on a background with the XYZ color 54.9466, 62.3329,

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

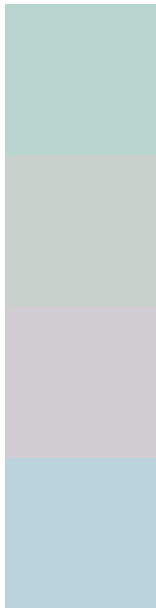




Tritanopia

57.4052, 62.2040, 81.6540

Trichromacy



Original Color

54.9466, 62.3329, 68.8100

Protanomaly

57.9073, 62.4262, 66.7550

Deuteranomaly

60.0425, 62.0174, 69.7787

Tritanomaly

56.4622, 62.1949, 76.7391

Monochromacy



Original Color

54.9466, 62.3329, 68.8100

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.3582, 60.9037, 66.5428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9466, 62.3329, 68.8100 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(184, 213, 208)` looks like.

```
.text, #text, p{  
    color:rgb(184, 213, 208)  
}
```

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(184, 213, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 213, 208) }
```

Border

The CSS property to change the border of an element to XYZ 54.9466, 62.3329, 68.8100 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(184, 213, 208) }
```


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

```
.border{ border-color:rgb(184, 213, 208) }
```

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

Here you see how a box with a 4 pixel rgb(184, 213, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 213, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 213, 208);  
box-shadow:4px 4px 4px 4px rgb(184, 213,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9466, 62.3329, 68.8100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 213, 208) }
```

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

```
.background{ background-color: rgb(184,  
213, 208) }
```

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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