

Converting Colors

XYZ(55.2394, 62.4998, 68.7865)

Have a look what the booklet for
XYZ(55.2394, 62.4998, 68.7865)
contains.

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Color

**XYZ(55.1870, 62.4569,
68.8212)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D5D0
RGB	185, 213, 208
RGB Percent	73%, 84%, 82%
CMY	0.2745, 0.1647, 0.1843
CMYK	0.13, 0.00, 0.02, 0.16
HSL	169°, 25%, 78%
HSV	169°, 13%, 84%
XYZ	55.1870, 62.4569, 68.8212
YIQ	204.0580, -15.0830, -7.4910

Conversions

Conversions Part 2

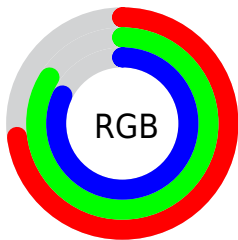
Format	Color
RYB	185, 200, 213
Decimal	12178896
CIELab	83.16, -10.27, -0.68
CIELCh	83, 10.290, 183.796
Yxy	62.4569, 0.2960, 0.3350
Android (android.graphics.Color)	4290368976 (0xFFB9D5D0)
YUV	204.0580, 1.9434, -16.7139
Hunter-Lab	79.0297, -13.6541, 3.6894

Details

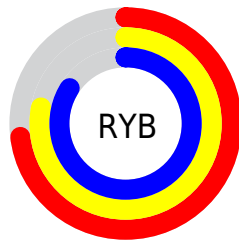
The XYZ color **55.1870, 62.4569, 68.8212** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.0861, 52.5634, 56.0131**, and the grayscale version is **57.4276, 60.4183, 65.7955**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **27.5753, 31.6923, 35.2357** is the 20% darker color. If you saturate the color by 10%, you get **49.9663, 59.8207, 66.1630**, and if you desaturate by 10%, it is **61.1924, 65.4997, 71.5774**.

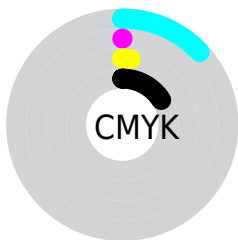
Distribution



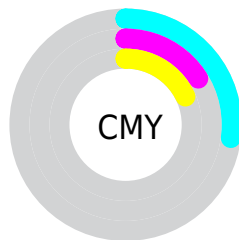
- Red (73%)
- Green (84%)
- Blue (82%)



- Red (73%)
- Yellow (78%)
- Blue (84%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)



- Cyan (27%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1870, 62.4569, 68.8212 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 55.1870, 62.4569, 68.8212 by changing the saturation by 10% instead.

■ 55.1870, 62.4569,
68.8212

■ 55.1870, 62.4569,
68.8212

396.7453,
433.5958, 475.0769

■ 39.7859, 45.4020,
50.0953

■ 96.9616, 108.3856,
119.1915

■ 27.5551, 31.7742,
35.1174

124.0658,
138.0282, 151.6728

■ 18.1293, 21.1891,
23.4690

155.8018,
172.6355, 189.5765

■ 11.1431, 13.2623,
14.7317

192.5349,
212.5918, 233.3209

■ 6.2312, 7.6094,
8.4868

234.6304,
258.2816, 283.3246

■ 3.0281, 3.8460,
4.3158

282.4537,

■ 1.1687, 1.5878,

310.0893, 340.0061

1.8001

336.3702,
368.3992, 403.7841

■ 0.0814, 0.3494,
0.4280

■ 0.0000, 0.0000,
0.0000

■ 55.1870, 62.4569,
68.8212

■ 55.1870, 62.4569,
68.8212

■ 49.9663, 59.8207,
66.1630

■ 61.1924, 65.4997,
71.5774

■ 45.4906, 57.5656,
63.5965


■ 68.0091, 68.9578,
74.4294

■ 41.7251, 55.6753,
61.1212


■ 75.6692, 72.8494,
77.3803


■ 38.6298, 54.1292,
58.7347


■ 78.3850, 74.1907,
80.1596


 36.1608, 52.9047,
56.4344

 78.9047, 74.3986,
82.8964


 34.2688, 51.9764,
54.2178


 79.4360, 74.6111,
85.6944


 32.8971, 51.3152,
52.0817

 79.9791, 74.8283,
88.5539

 31.9773, 50.8856,
50.0225

 80.5339, 75.0502,
91.4754

 31.5281, 50.6840,
48.6517

 81.1005, 75.2769,
94.4591

Harmonies

Analogous

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



55.5988, 62.4569, 62.7254



55.1870, 62.4569, 68.8212



55.8710, 62.4569, 75.0667

Triad

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



55.1870, 62.4569, 68.8212



61.7805, 62.4569, 78.7287



61.2769, 62.4569, 57.5714

Complementary

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



55.1870, 62.4569, 68.8212



54.0861, 52.5634, 56.0131

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.



62.9984, 62.4569, 61.4005



55.1870, 62.4569, 68.8212



63.2942, 62.4569, 73.5727

Square

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



55.1870, 62.4569, 68.8212



59.6477, 62.4569, 81.0085



63.7454, 62.4569, 67.1952



59.0800, 62.4569, 56.4732

Rectangle

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



55.1870, 62.4569, 68.8212



56.8666, 62.4569, 78.4029



63.7454, 62.4569, 67.1952



61.9322, 62.4569, 58.5695

Sweetspot

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



55.1888, 62.4595, 68.8226



91.1044, 97.9997, 107.1910



53.8217, 62.0583, 55.0416



19.3460, 20.8979, 22.8751



0.0000, 0.0000, 0.0000



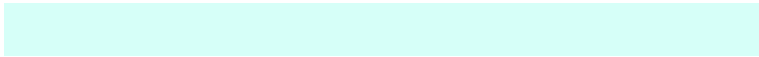
20.3446, 21.4041, 23.3091

Same Dimension

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



55.1888, 62.4595, 68.8226



80.4483, 92.6056, 102.2061



53.6443, 58.3698, 71.3931



12.6925, 14.0680, 15.4613



19.2922, 30.9722, 29.8980



1.1891, 1.8783, 1.9375

Inverse Universe

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



54.0861, 52.5634, 56.0131



78.4537, 74.7010, 79.0329



55.4618, 56.1751, 53.8196



12.5129, 12.4567, 13.3754



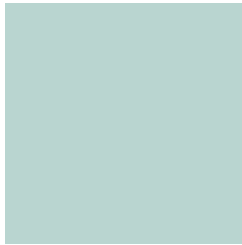
17.0030, 8.7375, 2.0541



1.0534, 0.5382, 0.2708

Previews

White Background



This preview shows how the XYZ color 55.1870, 62.4569, 68.8212 looks on a white background.

Color Contrast Check

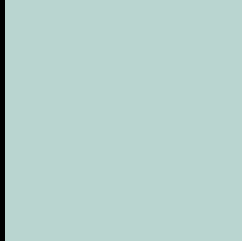
Large Text (above 18pt) WCAG AA × Fail

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 55.1870, 62.4569, 68.8212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

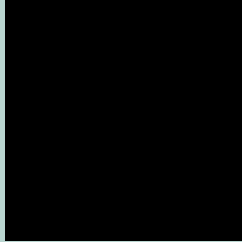
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

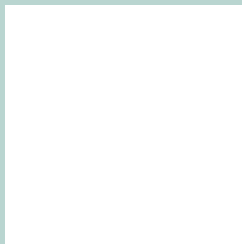
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1870, 62.4569, 68.8212

Background



This preview shows how black text looks on a background with the XYZ color 55.1870, 62.4569, 68.8212.



This preview shows how white text looks on a background with the XYZ color 55.1870, 62.4569,

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

55.1870, 62.4569, 68.8212

Protanopia

59.8344, 62.3511, 66.0081

Deuteranopia

63.4635, 62.0193, 70.2540



Tritanopia

57.6508, 62.3306, 81.6655

Trichromacy



Original Color

55.1870, 62.4569, 68.8212

Protanomaly

58.1770, 62.5653, 66.7677

Deuteranomaly

60.0425, 62.0174, 69.7787

Tritanomaly

56.7060, 62.3206, 76.7505

Monochromacy



Original Color

55.1870, 62.4569, 68.8212

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 55.1870, 62.4569, 68.8212 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, 213, 208)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 213, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 213, 208) }
```

Border

The CSS property to change the border of an element to XYZ 55.1870, 62.4569, 68.8212 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, 213, 208) }
```


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

```
.border{ border-color:rgb(185, 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(185, 213, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 213, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 213, 208); box-shadow:4px 4px 4px 4px rgb(185, 213, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1870, 62.4569, 68.8212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 213, 208) }
```

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

```
.background{ background-color: rgb(185,  
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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