

Converting Colors

XYZ(55.6247, 62.8732, 70.1116)

Have a look what the booklet for
XYZ(55.6247, 62.8732, 70.1116)
contains.

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Color

**XYZ(55.6870, 63.0606,
70.2097)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D6D2
RGB	185, 214, 210
RGB Percent	73%, 84%, 82%
CMY	0.2745, 0.1608, 0.1765
CMYK	0.14, 0.00, 0.02, 0.16
HSL	172°, 26%, 78%
HSV	172°, 14%, 84%
XYZ	55.6870, 63.0606, 70.2097
YIQ	204.8730, -16.0000, -7.3920

Conversions

Conversions Part 2

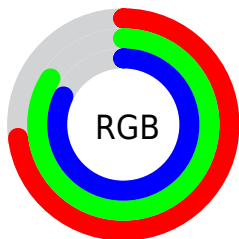
Format	Color
R _Y B	185, 201, 214
Decimal	12179154
CIE Lab	83.47, -10.38, -1.28
CIE LCh	83, 10.463, 187.021
Yxy	63.0606, 0.2947, 0.3337
Android (android.graphics.Color)	4290369234 (0xFFB9D6D2)
YUV	204.8730, 2.5276, -17.4286
Hunter-Lab	79.4107, -13.7951, 3.1672

Details

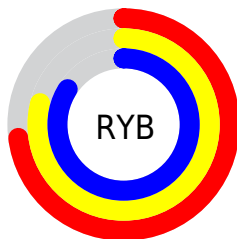
The XYZ color **55.6870, 63.0606, 70.2097** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.2681, 52.6698, 55.4529**, and the grayscale version is **57.9408, 60.9583, 66.3835**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **27.9146, 32.1021, 36.1776** is the 20% darker color. If you saturate the color by 10%, you get **50.5438, 60.4530, 68.0668**, and if you desaturate by 10%, it is **61.6177, 66.0768, 72.4276**.

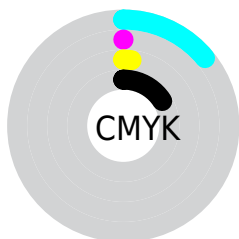
Distribution



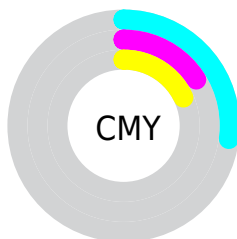
- Red (73%)
- Green (84%)
- Blue (82%)



- Red (73%)
- Yellow (79%)
- Blue (84%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6870, 63.0606, 70.2097 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 55.6870, 63.0606, 70.2097 by changing the saturation by 10% instead.

■ 55.6870, 63.0606,
70.2097

■ 55.6870, 63.0606,
70.2097

398.6050,
435.7894, 480.0950

■ 40.1880, 45.8902,
51.2196

■ 97.6893, 109.2569,
121.1917

■ 27.8701, 32.1592,
36.0055

124.9233,
139.0517, 154.0207

■ 18.3677, 21.4831,
24.1487

156.7997,
173.8234, 192.2997

■ 11.3156, 13.4776,
15.2308

193.6838,
213.9564, 236.4474

■ 6.3484, 7.7583,
8.8331

235.9411,
259.8351, 286.8822

■ 3.1007, 3.9406,
4.5371

283.9368,

■ 1.2072, 1.6404,

311.8439, 344.0227

1.9244

338.0363,
370.3672, 408.2875

■ 0.1121, 0.3846,
0.5082

■ 0.0000, 0.0000,
0.0000

■ 55.6870, 63.0606,
70.2097

■ 55.6870, 63.0606,
70.2097

■ 50.5438, 60.4530,
68.0668

■ 61.6177, 66.0768,
72.4276

■ 46.1479, 58.2282,
65.9928

■ 68.3630, 69.5104,
74.7179

■ 42.4641, 56.3697,
63.9872

■ 75.9553, 73.3798,
77.0837

■ 39.4517, 54.8566,
62.0479

■ 78.4480, 74.6196,
79.2469

■ 37.0662, 53.6659,
60.1727

■ 78.8471, 74.7792,
81.3483

■ 35.2577, 52.7718,
58.3590

■ 79.2531, 74.9416,
83.4864

■ 33.9683, 52.1446,
56.6039

■ 79.6661, 75.1069,
85.6614

■ 33.1282, 51.7483,
54.9040

■ 80.0862, 75.2749,
87.8734

■ 32.7485, 51.5758,
53.8335

■ 80.5133, 75.4457,
90.1227

Harmonies

Analogous

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



55.9877, 63.0606, 63.8724



55.6870, 63.0606, 70.2097



56.5018, 63.0606, 76.5097

Triad

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



55.6870, 63.0606, 70.2097



62.6181, 63.0606, 79.1919



61.6665, 63.0606, 57.7309

Complementary

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



55.6870, 63.0606, 70.2097



54.2681, 52.6698, 55.4529

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.



63.5091, 63.0606, 61.3707



55.6870, 63.0606, 70.2097



64.0682, 63.0606, 73.6858

Square

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



55.6870, 63.0606, 70.2097



60.4751, 63.0606, 81.9045



64.3984, 63.0606, 67.1378



59.4025, 63.0606, 56.9303

Rectangle

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



55.6870, 63.0606, 70.2097



57.5804, 63.0606, 79.7522



64.3984, 63.0606, 67.1378



62.3575, 63.0606, 58.6512

Sweetspot

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



55.6888, 63.0632, 70.2111



91.1706, 98.0262, 107.5396



53.8786, 62.4623, 55.1166



19.3628, 20.9046, 22.9636



0.0000, 0.0000, 0.0000



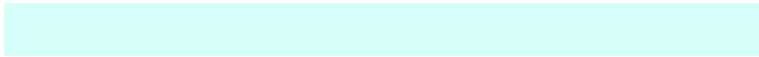
20.3446, 21.4041, 23.3091

Same Dimension

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



55.6888, 63.0632, 70.2111



80.7064, 92.7088, 103.5652



53.7043, 58.2860, 72.0413



12.7150, 14.0770, 15.5797



19.8222, 31.1842, 32.6888



1.2164, 1.8892, 2.0811

Inverse Universe

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



54.2681, 52.6698, 55.4529



78.2332, 74.6128, 77.8715



56.0394, 56.8984, 53.9288



12.4924, 12.4484, 13.2671



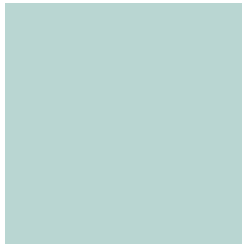
16.9225, 8.7053, 1.6299



1.0438, 0.5343, 0.2199

Previews

White Background



This preview shows how the XYZ color 55.6870, 63.0606, 70.2097 looks on a white background.

Color Contrast Check

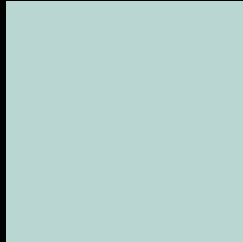
Large Text (above 18pt) WCAG AA × Fail

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 55.6870, 63.0606, 70.2097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

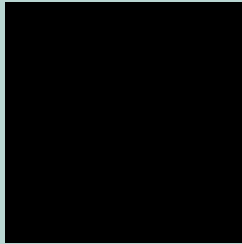
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

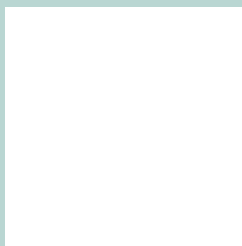
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6870, 63.0606, 70.2097

Background



This preview shows how black text looks on a background with the XYZ color 55.6870, 63.0606, 70.2097.

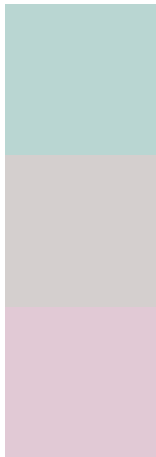


This preview shows how white text looks on a background with the XYZ color 55.6870, 63.0606,

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

55.6870, 63.0606, 70.2097

Protanopia

60.6048, 63.0789, 67.3738

Deuteranopia

63.9482, 62.5849, 71.6605



Tritanopia

58.0369, 62.8813, 82.4772

Trichromacy



Original Color

55.6870, 63.0606, 70.2097

Protanomaly

58.6662, 63.1547, 68.1295

Deuteranomaly

60.5333, 62.5977, 71.1795

Tritanomaly

57.0881, 62.8722, 77.5333

Monochromacy



Original Color

55.6870, 63.0606, 70.2097

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.1071, 61.6225, 67.9160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6870, 63.0606, 70.2097 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, 214, 210)` looks like.

```
.text, #text, p{  
    color:rgb(185, 214, 210)  
}
```

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, 214, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 214, 210) }
```

Border

The CSS property to change the border of an element to XYZ 55.6870, 63.0606, 70.2097 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, 214, 210) }
```


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

```
.border{ border-color:rgb(185, 214, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 214, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 214, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 214, 210);  
box-shadow:4px 4px 4px 4px rgb(185, 214,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6870, 63.0606, 70.2097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 214, 210) }
```

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

```
.background{ background-color: rgb(185,  
214, 210) }
```

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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