

Converting Colors

XYZ(55.1171, 60.5394, 66.9110)

Have a look what the booklet for
XYZ(55.1171, 60.5394, 66.9110)
contains.

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Color

**XYZ(55.1823, 60.6443,
67.1896)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD0CE
RGB	191, 208, 206
RGB Percent	75%, 82%, 81%
CMY	0.2510, 0.1843, 0.1922
CMYK	0.08, 0.00, 0.01, 0.18
HSL	173°, 15%, 78%
HSV	173°, 8%, 82%
XYZ	55.1823, 60.6443, 67.1896
YIQ	202.6890, -9.4900, -4.2260

Conversions

Conversions Part 2

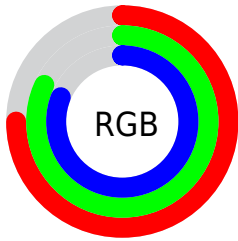
Format	Color
R _Y B	191, 200, 208
Decimal	12570830
CIE Lab	82.19, -6.10, -0.98
CIE LCh	82, 6.183, 189.158
Yxy	60.6443, 0.3015, 0.3314
Android (android.graphics.Color)	4290760910 (0xFFBFD0CE)
YUV	202.6890, 1.6323, -10.2513
Hunter-Lab	77.8745, -9.7941, 3.3571

Details

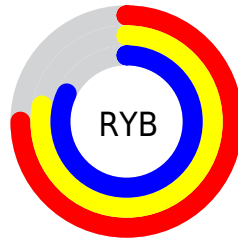
The XYZ color **55.1823, 60.6443, 67.1896** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2711, 54.5234, 58.1186**, and the grayscale version is **56.5655, 59.5113, 64.8078**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **27.7043, 30.7815, 34.1870** is the 20% darker color. If you saturate the color by 10%, you get **50.0234, 58.0206, 65.4073**, and if you desaturate by 10%, it is **61.0922, 63.6580, 69.0338**.

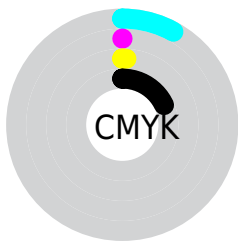
Distribution



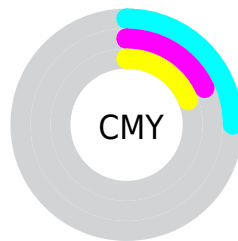
- Red (75%)
- Green (82%)
- Blue (81%)



- Red (75%)
- Yellow (78%)
- Blue (82%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (25%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1823, 60.6443, 67.1896 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 55.1823, 60.6443, 67.1896 by changing the saturation by 10% instead.

■ 55.1823, 60.6443,
67.1896

■ 55.1823, 60.6443,
67.1896

396.7278,
426.9686, 469.1392

■ 39.7821, 43.9382,
48.7762

■ 96.9548, 105.7637,
116.8353

■ 27.5522, 30.6219,
34.0776

124.0578,
134.9458, 148.9046

■ 18.1271, 20.3111,
22.6754

155.7924,
169.0554, 186.3629

■ 11.1415, 12.6214,
14.1509

192.5240,
208.4768, 229.6289

■ 6.2301, 7.1684,
8.0858

234.6181,
253.5944, 279.1209

■ 3.0275, 3.5676,
4.0613

282.4398,

■ 1.1683, 1.4348,

304.7926, 335.2576

1.6590

336.3546,
362.4559, 398.4576

■ 0.0811, 0.2421,
0.3324

■ 0.0000, 0.0000,
0.0000

■ 55.1823, 60.6443,
67.1896

■ 55.1823, 60.6443,
67.1896

■ 50.0234, 58.0206,
65.4073

■ 61.0922, 63.6580,
69.0338

■ 45.5791, 55.7631,
63.6814

■ 67.7773, 67.0691,
70.9373

■ 41.8178, 53.8571,
62.0114

■ 75.2670, 70.8944,
72.9029

■ 38.7035, 52.2842,
60.3956

■ 76.1663, 71.3217,
74.5847

■ 36.1968, 51.0239,
58.8320

■ 76.4851, 71.4492,
76.2639

■ 34.2540, 50.0539,
57.3185

■ 76.8088, 71.5787,
77.9682

■ 32.8256, 49.3485,
55.8527

■ 77.1372, 71.7100,
79.6975

■ 31.8533, 48.8777,
54.4316

■ 77.4704, 71.8433,
81.4521

■ 31.2507, 48.5969,
53.0512

■ 77.8084, 71.9785,
83.2319

Harmonies

Analogous

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



55.3117, 60.6443, 63.4905



55.1823, 60.6443, 67.1896



55.7038, 60.6443, 70.7062

Triad

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



55.1823, 60.6443, 67.1896



59.2506, 60.6443, 71.8019



58.5441, 60.6443, 59.4978

Complementary

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



55.1823, 60.6443, 67.1896



54.2711, 54.5234, 58.1186

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.



59.6218, 60.6443, 61.5672



55.1823, 60.6443, 67.1896



60.0340, 60.6443, 68.6391

Square

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



55.1823, 60.6443, 67.1896



58.0436, 60.6443, 73.4349



60.1708, 60.6443, 64.8865



57.2394, 60.6443, 59.1429

Rectangle

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



55.1823, 60.6443, 67.1896



56.3551, 60.6443, 72.4401



60.1708, 60.6443, 64.8865



58.9455, 60.6443, 60.0121

Sweetspot

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



55.1840, 60.6469, 67.1909



93.1019, 99.0069, 108.3047



54.0220, 60.2484, 58.0731



19.9480, 21.2019, 23.1879



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.



55.1840, 60.6469, 67.1909



85.8029, 95.2884, 105.9622



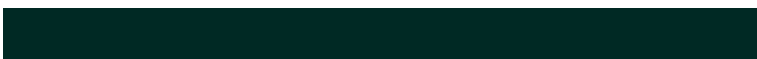
53.9387, 57.7642, 67.9842



12.0959, 13.3821, 14.8614



19.4409, 30.2693, 33.0314



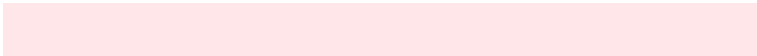
1.1044, 1.6994, 1.9383

Inverse Universe

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



54.2711, 54.5234, 58.1186



84.0351, 83.4306, 88.3945



55.4378, 57.2120, 57.4124



11.8646, 11.8306, 12.5627



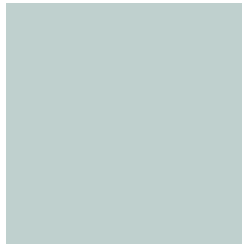
16.3371, 8.4077, 1.4156



0.9328, 0.4778, 0.1811

Previews

White Background



This preview shows how the XYZ color 55.1823, 60.6443, 67.1896 looks on a white background.

Color Contrast Check

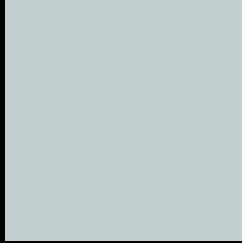
Large Text (above 18pt) WCAG AA × Fail

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 55.1823, 60.6443, 67.1896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

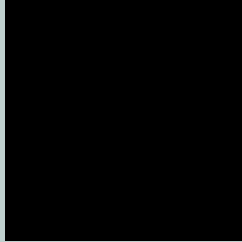
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

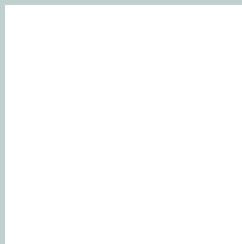
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1823, 60.6443, 67.1896

Background



This preview shows how black text looks on a background with the XYZ color 55.1823, 60.6443, 67.1896.

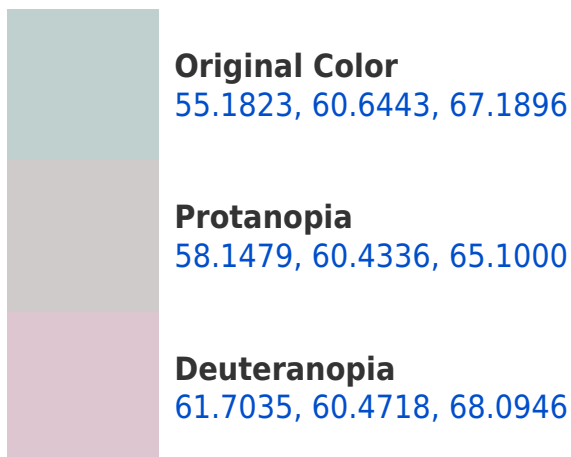


This preview shows how white text looks on a background with the XYZ color 55.1823, 60.6443,

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

57.5043, 60.8859, 77.8286

Trichromacy



Original Color

55.1823, 60.6443, 67.1896

Protanomaly

57.0875, 60.5788, 65.8108

Deuteranomaly

59.2470, 60.5949, 67.6048

Tritanomaly

56.6998, 60.9210, 73.7363

Monochromacy



Original Color

55.1823, 60.6443, 67.1896

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.2836, 60.1644, 65.7732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1823, 60.6443, 67.1896 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(191, 208, 206)` looks like.

```
.text, #text, p{  
    color:rgb(191, 208, 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(191, 208, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 208, 206) }
```

Border

The CSS property to change the border of an element to XYZ 55.1823, 60.6443, 67.1896 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(191, 208, 206) }
```


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

```
.border{ border-color:rgb(191, 208, 206) }
```

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

Here you see how a box with a 4 pixel rgb(191, 208, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 208, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 208, 206);  
box-shadow:4px 4px 4px 4px rgb(191, 208,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1823, 60.6443, 67.1896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 208, 206) }
```

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

```
.background{ background-color: rgb(191,  
208, 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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