

Converting Colors

XYZ(55.9667, 67.9871, 62.4526)

Have a look what the booklet for
XYZ(55.9667, 67.9871, 62.4526)
contains.

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Color

**XYZ(55.9826, 68.0815,
62.4150)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E2C4
RGB	180, 226, 196
RGB Percent	71%, 89%, 77%
CMY	0.2941, 0.1137, 0.2314
CMYK	0.20, 0.00, 0.13, 0.11
HSL	141°, 44%, 80%
HSV	141°, 20%, 89%
XYZ	55.9826, 68.0815, 62.4150
YIQ	208.8260, -17.7860, -19.0820

Conversions

Conversions Part 2

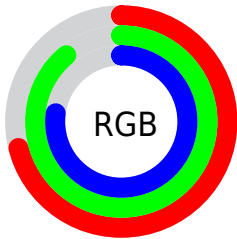
Format	Color
RYB	180, 214, 226
Decimal	11854532
CIELab	86.05, -20.74, 9.80
CIELCh	86, 22.936, 154.695
Yxy	68.0815, 0.3002, 0.3651
Android (android.graphics.Color)	4290044612 (0xFFB4E2C4)
YUV	208.8260, -6.3232, -25.2804
Hunter-Lab	82.5115, -23.2861, 12.9087

Details

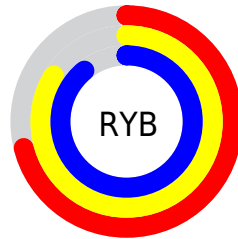
The XYZ color **55.9826, 68.0815, 62.4150** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.3206, 53.4662, 68.1694**, and the grayscale version is **60.5407, 63.6935, 69.3622**.

A 20% lighter version of the original color is **88.0817, 96.4447, 106.9018**, and **28.0496, 35.5144, 30.9678** is the 20% darker color. If you saturate the color by 10%, you get **49.5481, 64.9507, 53.7823**, and if you desaturate by 10%, it is **63.4436, 71.7262, 71.9591**.

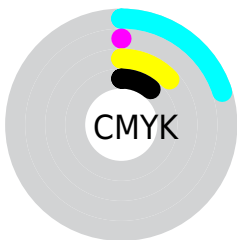
Distribution



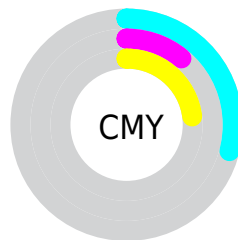
- Red (71%)
- Green (89%)
- Blue (77%)



- Red (71%)
- Yellow (84%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)





- Cyan (29%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9826, 68.0815, 62.4150 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 55.9826, 68.0815, 62.4150 by changing the saturation by 10% instead.


 55.9826, 68.0815,
62.4150

 55.9826, 68.0815,
62.4150


399.7020,
453.7847, 451.4926

 40.4259, 49.9640,
44.9302


 98.1191, 116.4687,
109.9025

 28.0565, 35.3848,
31.0599


125.4296,
147.5073, 140.7422

 18.5089, 23.9595,
20.3856


157.3888,
183.6217, 176.8707

 11.4179, 15.3036,
12.4888

194.3620,
225.1963, 218.7064

 6.4180, 9.0327,
6.9509

236.7146,
272.6155, 266.6679

 3.1439, 4.7625,
3.3534


284.8118,

 1.2303, 2.1086,


326.2637, 321.1738


1.2778

339.0192,
386.5253, 382.6425


 0.1301, 0.6695,
0.0435


 0.0000, 0.0000,
0.0000

 55.9826, 68.0815,
62.4150


 55.9826, 68.0815,
62.4150


 49.5481, 64.9507,
53.7823


 63.4436, 71.7262,
71.9591

 44.0882, 62.3020,
46.0297

 71.9687, 75.8980,
82.4358

 39.5549, 60.1130,
39.1304

 81.6005, 80.6202,
93.8713

 35.8936, 58.3562,
33.0547

 86.4814, 82.8728,
106.0134

■ 33.0439, 57.0011,
27.7713

■ 86.4876, 82.8752,
106.0459

■ 30.9371, 56.0130,
23.2465

■ 29.4920, 55.3507,
19.4440

■ 28.5945, 54.9540,
16.4220

Harmonies

Analogous

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



59.1168, 68.0815, 52.7565



55.9826, 68.0815, 62.4150



55.1358, 68.0815, 76.5275

Triad

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



55.9826, 68.0815, 62.4150



65.5415, 68.0815, 106.9394



73.3943, 68.0815, 58.8216

Complementary

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



55.9826, 68.0815, 62.4150



59.3206, 53.4662, 68.1694

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.



75.3317, 68.0815, 71.7815



55.9826, 68.0815, 62.4150



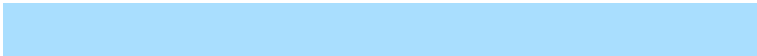
70.6441, 68.0815, 100.6115

Square

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



55.9826, 68.0815, 62.4150



60.4783, 68.0815, 103.5484



74.2991, 68.0815, 87.2244



69.1335, 68.0815, 50.8876

Rectangle

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



55.9826, 68.0815, 62.4150



55.9412, 68.0815, 86.9128



74.2991, 68.0815, 87.2244



74.3490, 68.0815, 62.6649

Sweetspot

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



55.9845, 68.0844, 62.4165



88.0781, 96.5867, 100.4042



62.2057, 71.4908, 53.7016



18.6967, 20.5974, 21.2986



0.0000, 0.0000, 0.0000



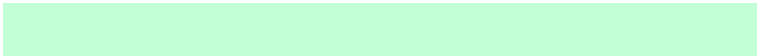
20.3446, 21.4041, 23.3091

Same Dimension

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



55.9845, 68.0844, 62.4165



70.2336, 87.8736, 77.6072



58.7196, 69.1784, 76.8194



13.7246, 15.4156, 15.5851



16.3631, 31.3701, 9.6352



1.1755, 2.1909, 0.8852

Inverse Universe

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



59.3206, 53.4662, 68.1694



75.2976, 65.6787, 86.3357



56.7286, 52.4294, 54.5201



14.0820, 13.8504, 16.2018



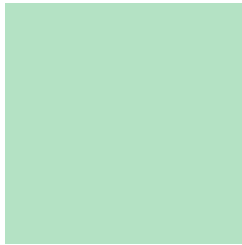
20.9736, 10.4564, 17.0585



1.4955, 0.7415, 1.4024

Previews

White Background



This preview shows how the XYZ color 55.9826, 68.0815, 62.4150 looks on a white background.

Color Contrast Check

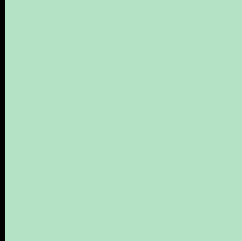
Large Text (above 18pt) WCAG AA × Fail

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 55.9826, 68.0815, 62.4150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

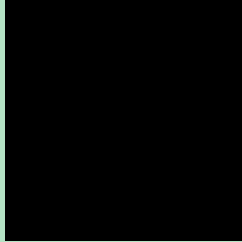
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9826, 68.0815, 62.4150

Background



This preview shows how black text looks on a background with the XYZ color 55.9826, 68.0815, 62.4150.



This preview shows how white text looks on a background with the XYZ color 55.9826, 68.0815,

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

55.9826, 68.0815, 62.4150

Protanopia

64.0813, 67.6581, 58.3971

Deuteranopia

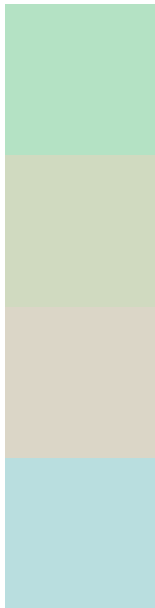
69.0138, 67.4966, 64.0343



Tritanopia

61.7649, 68.0508, 90.7687

Trichromacy



Original Color

55.9826, 68.0815, 62.4150

Protanomaly

60.5983, 67.3585, 59.6768

Deuteranomaly

63.5688, 67.2767, 63.6681

Tritanomaly

59.4481, 67.8846, 79.7818

Monochromacy



Original Color

55.9826, 68.0815, 62.4150

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.4882, 64.9663, 66.5838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9826, 68.0815, 62.4150 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, 226, 196)` looks like.

```
.text, #text, p{  
    color:rgb(180, 226, 196)  
}
```

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, 226, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 226, 196) }
```

Border

The CSS property to change the border of an element to XYZ 55.9826, 68.0815, 62.4150 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, 226, 196) }
```


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

```
.border{ border-color:rgb(180, 226, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 226, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 226, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 226, 196);  
box-shadow:4px 4px 4px 4px rgb(180, 226,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9826, 68.0815, 62.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 226, 196) }
```

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

```
.background{ background-color: rgb(180,  
226, 196) }
```

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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