

Converting Colors

XYZ(55.9884, 68.8465, 53.3726)

Have a look what the booklet for
XYZ(55.9884, 68.8465, 53.3726)
contains.

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Color

**XYZ(55.9570, 68.6726,
53.4859)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE3B4
RGB	186, 227, 180
RGB Percent	73%, 89%, 71%
CMY	0.2706, 0.1098, 0.2941
CMYK	0.18, 0.00, 0.21, 0.11
HSL	112°, 46%, 80%
HSV	112°, 21%, 89%
XYZ	55.9570, 68.6726, 53.4859
YIQ	209.3830, -9.3490, -23.3090

Conversions

Conversions Part 2

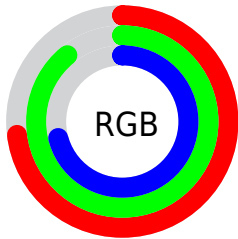
Format	Color
RYB	180, 227, 221
Decimal	12247988
CIELab	86.34, -22.07, 18.65
CIELCh	86, 28.891, 139.806
Yxy	68.6726, 0.3142, 0.3856
Android (android.graphics.Color)	4290438068 (0xFFBAE3B4)
YUV	209.3830, -14.4858, -20.5069
Hunter-Lab	82.8689, -24.4890, 19.7408

Details

The XYZ color **55.9570, 68.6726, 53.4859** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.0081, 53.5627, 79.8526**, and the grayscale version is **60.9521, 64.1263, 69.8336**.

A 20% lighter version of the original color is **87.8625, 96.6308, 93.3776**, and **27.9094, 35.5637, 25.4722** is the 20% darker color. If you saturate the color by 10%, you get **49.3494, 65.5140, 42.0778**, and if you desaturate by 10%, it is **63.6138, 72.3324, 66.9229**.

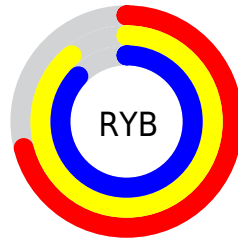
Distribution



Red (73%)

Green (89%)

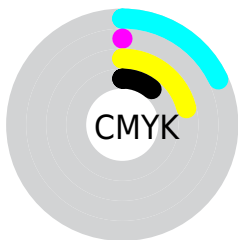
Blue (71%)



Red (71%)

Yellow (89%)

Blue (87%)

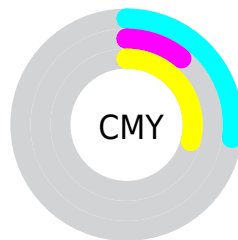


Cyan (18%)

Magenta (0%)

Yellow (21%)

Black (11%)



Cyan (27%)


Magenta (11%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9570, 68.6726, 53.4859 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 55.9570, 68.6726, 53.4859 by changing the saturation by 10% instead.


 55.9570, 68.6726,
53.4859

 55.9570, 68.6726,
53.4859


399.6071,
455.8754, 417.2656

 40.4053, 50.4451,
37.8004


 98.0819, 117.3138,
96.7678

 28.0403, 35.7672,
25.5272


125.3858,
148.4964, 125.2012

 18.4967, 24.2545,
16.2477


157.3378,
184.7660, 158.7211

 11.4090, 15.5225,
9.5433

194.3033,
226.5073, 197.7459

 6.4119, 9.1869,
4.9956

236.6476,
274.1044, 242.6943

 3.1402, 4.8633,
2.1860


284.7361,

 1.2283, 2.1673,


327.9419, 293.9846


0.6663


338.9342,
388.4041, 352.0356

 0.1286, 0.7021,
0.0000


 0.0000, 0.0000,
0.0000


 55.9570, 68.6726,
53.4859

 55.9570, 68.6726,
53.4859


 49.3494, 65.5140,
42.0778


 63.6138, 72.3324,
66.9229

 43.7399, 62.8262,
32.5960

 72.3572, 76.5046,
82.4759

 39.0812, 60.5893,
24.9353

 82.2294, 81.2111,
100.2325

 35.3200, 58.7783,
18.9790

 86.7605, 83.4209,
106.1368

■ 32.3977, 57.3657,
14.5969

■ 30.2485, 56.3210,
11.6399

■ 28.7966, 55.6088,
9.9301

■ 27.9764, 55.2018,
9.1805

Harmonies

Analogous

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



61.0215, 68.6726, 45.2672



55.9570, 68.6726, 53.4859



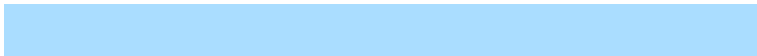
53.4454, 68.6726, 68.4593

Triad

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



55.9570, 68.6726, 53.4859



63.0278, 68.6726, 117.0594



78.0958, 68.6726, 63.0054

Complementary

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



55.9570, 68.6726, 53.4859



60.0081, 53.5627, 79.8526

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.



78.7243, 68.6726, 81.4629



55.9570, 68.6726, 53.4859



69.7138, 68.6726, 114.9247

Square

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



55.9570, 68.6726, 53.4859



57.3396, 68.6726, 106.4834



75.5657, 68.6726, 101.0691



73.9025, 68.6726, 50.0799

Rectangle

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



55.9570, 68.6726, 53.4859



53.4322, 68.6726, 81.2044



75.5657, 68.6726, 101.0691



78.7414, 68.6726, 68.6901

Sweetspot

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



55.9588, 68.6755, 53.4874



87.9425, 96.6093, 96.2170



65.7059, 71.2017, 53.4613



18.6645, 20.6026, 20.3122



0.0000, 0.0000, 0.0000



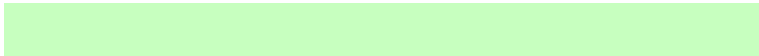
20.3446, 21.4041, 23.3091

Same Dimension

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



55.9588, 68.6755, 53.4874



68.8474, 87.4877, 62.6928



56.3985, 68.6865, 63.2508



14.3594, 16.1768, 15.2701



16.3684, 32.2197, 5.3563



1.2653, 2.4097, 0.3984

Inverse Universe

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



60.0081, 53.5627, 79.8526



75.0450, 64.3401, 103.0713



59.6061, 53.6167, 68.0305



14.8046, 14.5170, 18.1661



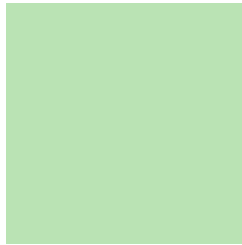
21.7420, 10.2743, 43.2204



1.6575, 0.7854, 3.1962

Previews

White Background



This preview shows how the XYZ color 55.9570, 68.6726, 53.4859 looks on a white background.

Color Contrast Check

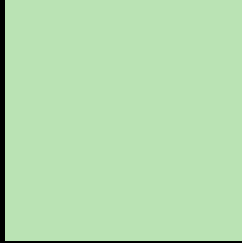
Large Text (above 18pt) WCAG AA × Fail

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 55.9570, 68.6726, 53.4859 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

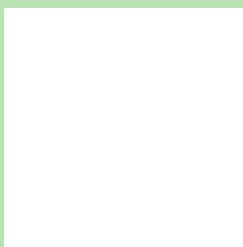
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9570, 68.6726, 53.4859

Background



This preview shows how black text looks on a background with the XYZ color 55.9570, 68.6726, 53.4859.

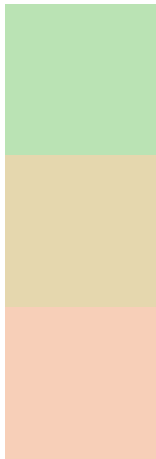


This preview shows how white text looks on a background with the XYZ color 55.9570, 68.6726,

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

55.9570, 68.6726, 53.4859

Protanopia

64.2535, 68.3149, 49.8440

Deuteranopia

69.3223, 67.8605, 54.7921



Tritanopia

63.1233, 68.3796, 89.9924

Trichromacy



Original Color

55.9570, 68.6726, 53.4859

Protanomaly

60.6086, 67.9438, 50.9943

Deuteranomaly

63.6451, 67.5196, 54.4779

Tritanomaly

60.2542, 68.4069, 74.9939

Monochromacy



Original Color

55.9570, 68.6726, 53.4859

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.8363, 65.6065, 62.9884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9570, 68.6726, 53.4859 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(186, 227, 180)` looks like.

```
.text, #text, p{  
    color:rgb(186, 227, 180)  
}
```

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(186, 227, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 227, 180) }
```

Border

The CSS property to change the border of an element to XYZ 55.9570, 68.6726, 53.4859 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(186, 227, 180) }
```


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

```
.border{ border-color:rgb(186, 227, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 227, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 227, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 227, 180);  
box-shadow:4px 4px 4px 4px rgb(186, 227,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9570, 68.6726, 53.4859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 227, 180) }
```

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

```
.background{ background-color: rgb(186,  
227, 180) }
```

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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