

Converting Colors

XYZ(53.9993, 68.3707, 58.4950)

Have a look what the booklet for
XYZ(53.9993, 68.3707, 58.4950)
contains.

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Color

**XYZ(53.9992, 68.3707,
58.4949)**

Conversions

Conversions Part 1

Format	Color
Hex	ABE5BD
RGB	171, 229, 189
RGB Percent	67%, 90%, 74%
CMY	0.3294, 0.1019, 0.2588
CMYK	0.25, 0.00, 0.17, 0.10
HSL	139°, 53%, 78%
HSV	139°, 25%, 90%
XYZ	53.9992, 68.3707, 58.4949
YIQ	207.0980, -21.7280, -24.7360

Conversions

Conversions Part 2

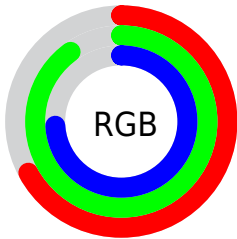
Format	Color
RYB	171, 215, 229
Decimal	11265469
CIELab	86.19, -26.37, 13.61
CIELCh	86, 29.671, 152.704
Yxy	68.3707, 0.2986, 0.3780
Android (android.graphics.Color)	4289455549 (0xFFABE5BD)
YUV	207.0980, -8.9223, -31.6579
Hunter-Lab	82.6866, -28.1305, 15.9371

Details

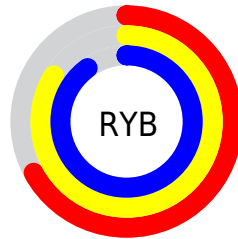
The XYZ color **53.9992, 68.3707, 58.4949** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.6362, 50.4886, 68.2857**, and the grayscale version is **59.4386, 62.5340, 68.0995**.

A 20% lighter version of the original color is **83.9200, 94.4435, 100.1926**, and **26.7236, 35.4466, 28.7260** is the 20% darker color. If you saturate the color by 10%, you get **47.8146, 65.3718, 49.7388**, and if you desaturate by 10%, it is **61.2384, 71.8955, 68.2779**.

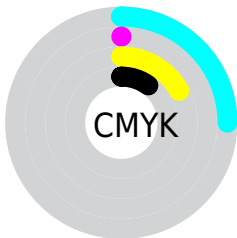
Distribution



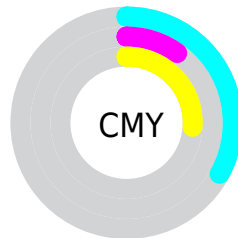
- Red (67%)
- Green (90%)
- Blue (74%)



- Red (67%)
- Yellow (84%)
- Blue (90%)



- Cyan (25%)
- Magenta (0%)
- Yellow (17%)
- Black (10%)





- Cyan (33%)
- Magenta (10%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9992, 68.3707, 58.4949 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 53.9992, 68.3707, 58.4949 by changing the saturation by 10% instead.


 53.9992, 68.3707,
58.4949

 53.9992, 68.3707,
58.4949

392.3054,
454.8083, 436.6772

 38.8317, 50.1994,
41.7893


 95.2300, 116.8823,
104.1651

 26.8090, 35.5718,
28.6120

122.0239,
147.9914, 133.9668

 17.5656, 24.1037,
18.5445

153.4241,
184.1818, 168.9709

 10.7364, 15.4106,
11.1681

189.7958,
225.8380, 209.5960

 5.9558, 9.1080,
6.0644

231.5045,
273.3443, 256.2607

 2.8587, 4.8117,
2.8149

278.9154,

 1.0795, 2.1372,

327.0853, 309.3834

1.0009

332.3939,
387.4451, 369.3827

■ 0.0078, 0.6854,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9992, 68.3707,
58.4949

■ 53.9992, 68.3707,
58.4949

■ 47.8146, 65.3718,
49.7388

■ 61.2384, 71.8955,
68.2779

■ 42.6286, 62.8649,
41.9715

■ 69.5737, 75.9613,
79.1151

■ 38.3882, 60.8252,
35.1593

■ 79.0511, 80.5930,
91.0385

■ 35.0332, 59.2226,
29.2649

■ 86.8593, 84.3407,
103.9437

■ 32.4958, 58.0230,
24.2482

■ 87.3106, 84.5213,
106.3202

■ 30.6983, 57.1870,
20.0664

■ 29.5459, 56.6668,
16.6724

■ 29.1601, 56.4971,
15.3408

Harmonies

Analogous

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



58.1442, 68.3707, 47.0700



53.9992, 68.3707, 58.4949



52.7298, 68.3707, 76.2326

Triad

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



53.9992, 68.3707, 58.4949



65.6059, 68.3707, 118.6845



76.6726, 68.3707, 55.9167

Complementary

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



53.9992, 68.3707, 58.4949



58.6362, 50.4886, 68.2857

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.



79.0040, 68.3707, 72.6837



53.9992, 68.3707, 58.4949



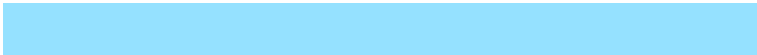
72.3409, 68.3707, 110.7870

Square

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



53.9992, 68.3707, 58.4949



59.1463, 68.3707, 113.1161



77.3665, 68.3707, 93.0570



71.1943, 68.3707, 45.7748

Rectangle

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



53.9992, 68.3707, 58.4949



53.6072, 68.3707, 89.9241



77.3665, 68.3707, 93.0570



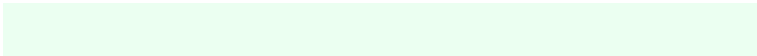
77.8670, 68.3707, 60.8511

Sweetspot

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



54.0011, 68.3736, 58.4964



85.7559, 95.4609, 97.0709



62.4087, 72.9198, 49.3145



18.0037, 20.2610, 20.3224



0.0000, 0.0000, 0.0000



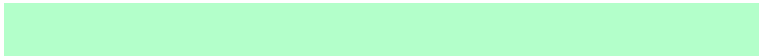
20.3446, 21.4041, 23.3091

Same Dimension

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



54.0011, 68.3736, 58.4964



64.9242, 85.3199, 69.0731



57.3926, 69.7302, 76.3559



14.3726, 16.1625, 16.2269



16.7192, 32.3198, 9.0214



1.2761, 2.4045, 0.8803

Inverse Universe

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



58.6362, 50.4886, 68.2857



71.7206, 59.0843, 83.4179



55.3837, 49.1875, 51.1580



14.7947, 14.5351, 17.1193



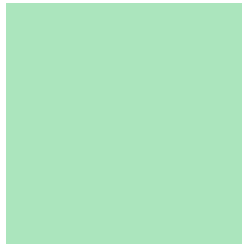
22.0568, 10.9569, 19.7259



1.6712, 0.8262, 1.6750

Previews

White Background



This preview shows how the XYZ color 53.9992, 68.3707, 58.4949 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 53.9992, 68.3707, 58.4949 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 53.9992, 68.3707, 58.4949

Background



This preview shows how black text looks on a background with the XYZ color 53.9992, 68.3707, 58.4949.



This preview shows how white text looks on a background with the XYZ color 53.9992, 68.3707,

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
53.9992, 68.3707, 58.4949
Protanopia
63.8541, 67.6393, 53.9462
Deuteranopia
69.0126, 67.5754, 60.4449



Tritanopia

60.9055, 68.3576, 92.4223

Trichromacy



Original Color

53.9992, 68.3707, 58.4949

Protanomaly

59.5421, 67.2876, 55.7485

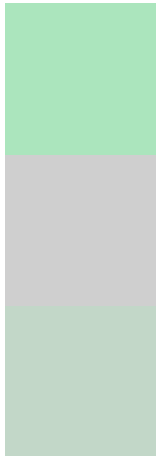
Deuteranomaly

62.4301, 67.1584, 59.5416

Tritanomaly

58.1078, 68.4180, 78.5500

Monochromacy



Original Color

53.9992, 68.3707, 58.4949

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

56.9739, 64.2403, 64.0404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9992, 68.3707, 58.4949 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(171, 229, 189)` looks like.

```
.text, #text, p{  
    color:rgb(171, 229, 189)  
}
```

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(171, 229, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 229, 189) }
```

Border

The CSS property to change the border of an element to XYZ 53.9992, 68.3707, 58.4949 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(171, 229, 189) }
```


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

```
.border{ border-color:rgb(171, 229, 189) }
```

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

Here you see how a box with a 4 pixel rgb(171, 229, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 229, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 229, 189);  
box-shadow:4px 4px 4px 4px rgb(171, 229,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9992, 68.3707, 58.4949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 229, 189) }
```

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

```
.background{ background-color: rgb(171,  
229, 189) }
```

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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