

Converting Colors

XYZ(54.9803, 69.0448, 53.0178)

Have a look what the booklet for
XYZ(54.9803, 69.0448, 53.0178)
contains.

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Color

**XYZ(54.9784, 68.9966,
53.0678)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E5B3
RGB	180, 229, 179
RGB Percent	71%, 90%, 70%
CMY	0.2941, 0.1019, 0.2980
CMYK	0.21, 0.00, 0.22, 0.10
HSL	119°, 49%, 80%
HSV	119°, 22%, 90%
XYZ	54.9784, 68.9966, 53.0678
YIQ	208.6490, -13.1540, -25.9380

Conversions

Conversions Part 2

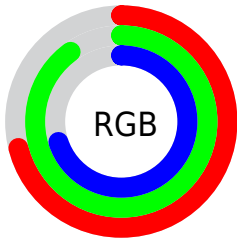
Format	Color
RYB	179, 229, 228
Decimal	11855283
CIELab	86.50, -25.22, 19.33
CIELCh	87, 31.777, 142.523
Yxy	68.9966, 0.3105, 0.3897
Android (android.graphics.Color)	4290045363 (0xFFB4E5B3)
YUV	208.6490, -14.6170, -25.1252
Hunter-Lab	83.0642, -27.2170, 20.2659

Details

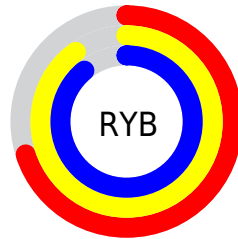
The XYZ color **54.9784, 68.9966, 53.0678** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.2607, 54.3933, 81.3498**, and the grayscale version is **60.4755, 63.6249, 69.2876**.

A 20% lighter version of the original color is **85.3475, 95.3510, 92.5036**, and **27.3137, 35.8291, 25.2148** is the 20% darker color. If you saturate the color by 10%, you get **48.0439, 65.6695, 41.6408**, and if you desaturate by 10%, it is **63.1472, 72.9196, 66.5632**.

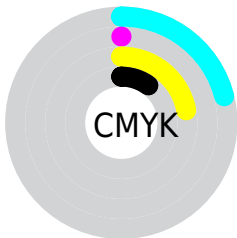
Distribution



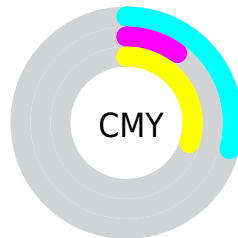
- Red (71%)
- Green (90%)
- Blue (70%)



- Red (70%)
- Yellow (90%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)



- Cyan (29%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9784, 68.9966, 53.0678 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 54.9784, 68.9966, 53.0678 by changing the saturation by 10% instead.

■ 54.9784, 68.9966,
53.0678

■ 54.9784, 68.9966,
53.0678

395.9678,
457.0190, 415.6189

■ 39.6182, 50.7089,
37.4688

■ 96.6578, 117.7767,
96.1467

■ 27.4239, 35.9770,
25.2720

123.7077,
149.0380, 124.4637

■ 18.0300, 24.4165,
16.0590

155.3850,
185.3925, 157.8570

■ 11.0714, 15.6428,
9.4111

192.0548,
227.2248, 196.7453

■ 6.1825, 9.2718,
4.9098

234.0827,
274.9192, 241.5471

■ 2.9981, 4.9189,
2.1366

281.8339,

■ 1.1528, 2.1997,

328.8601, 292.6810

0.6374

335.6738,
389.4319, 350.5654

0.0686, 0.7199,
0.0000

0.0000, 0.0000,
0.0000

54.9784, 68.9966,
53.0678

54.9784, 68.9966,
53.0678

48.0439, 65.6695,
41.6408

63.1472, 72.9196,
66.5632

42.2785, 62.9008,
32.1759

72.6005, 77.4562,
82.2174

37.6196, 60.6627,
24.5641

83.3921, 82.6344,
100.1207

33.9962, 58.9212,
18.6839

87.3107, 84.5213,
106.3202

■ 31.3294, 57.6385,
14.3995

■ 29.5288, 56.7714,
11.5547

■ 28.4868, 56.2683,
9.9622

■ 28.0780, 56.0709,
9.3429

Harmonies

Analogous

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



60.3068, 68.9966, 43.5650



54.9784, 68.9966, 53.0678



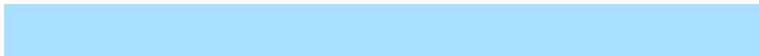
52.5261, 68.9966, 69.9748

Triad

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



54.9784, 68.9966, 53.0678



63.7551, 68.9966, 122.8951



79.5377, 68.9966, 60.6468

Complementary

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



54.9784, 68.9966, 53.0678



62.2607, 54.3933, 81.3498

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.



80.6333, 68.9966, 80.5231



54.9784, 68.9966, 53.0678



71.1503, 68.9966, 119.1212

Square

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



54.9784, 68.9966, 53.0678



57.3410, 68.9966, 112.0938



77.4619, 68.9966, 102.5784



74.5709, 68.9966, 47.3359

Rectangle

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



54.9784, 68.9966, 53.0678



52.7129, 68.9966, 84.2600



77.4619, 68.9966, 102.5784



80.3853, 68.9966, 66.6764

Sweetspot

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



54.9802, 68.9995, 53.0693



86.1625, 95.7351, 94.1732



68.0132, 75.0369, 53.5477



18.2867, 20.4166, 19.8992



0.0000, 0.0000, 0.0000



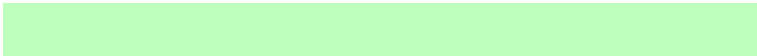
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9802, 68.9995, 53.0693



66.1542, 86.1315, 61.1119



57.3121, 69.9055, 66.5588



14.2158, 16.1028, 15.2634



16.0647, 32.0632, 5.3421



1.1966, 2.3742, 0.3952

Inverse Universe

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



62.2607, 54.3933, 81.3498



76.9373, 64.4958, 103.0016



59.5357, 53.3400, 65.3404



14.9651, 14.5998, 18.1736



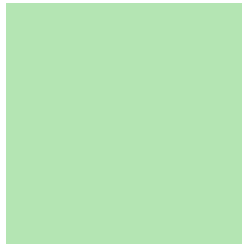
25.7502, 12.3406, 43.4080



1.9120, 0.9166, 3.2081

Previews

White Background



This preview shows how the XYZ color 54.9784, 68.9966, 53.0678 looks on a white background.

Color Contrast Check

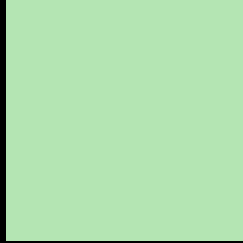
Large Text (above 18pt) WCAG AA × Fail

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 54.9784, 68.9966, 53.0678 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

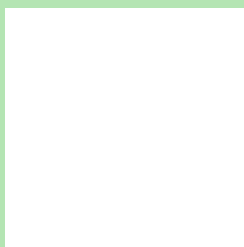
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9784, 68.9966, 53.0678

Background



This preview shows how black text looks on a background with the XYZ color 54.9784, 68.9966, 53.0678.



This preview shows how white text looks on a background with the XYZ color 54.9784, 68.9966,

53.0678.

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

54.9784, 68.9966, 53.0678

Protanopia

64.1564, 68.2760, 49.3324

Deuteranopia

69.8145, 68.4871, 54.3395



Tritanopia

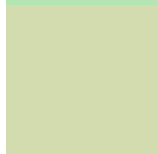
62.6716, 68.8920, 91.6557

Trichromacy



Original Color

54.9784, 68.9966, 53.0678



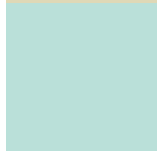
Protanomaly

60.1950, 68.1304, 50.5353



Deuteranomaly

63.4308, 68.1771, 54.0723



Tritanomaly

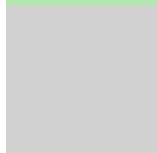
59.4297, 68.7602, 75.7854

Monochromacy



Original Color

54.9784, 68.9966, 53.0678



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

58.0376, 65.1947, 62.9510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9784, 68.9966, 53.0678 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, 229, 179)` looks like.

```
.text, #text, p{  
    color:rgb(180, 229, 179)  
}
```

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, 229, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 229, 179) }
```

Border

The CSS property to change the border of an element to XYZ 54.9784, 68.9966, 53.0678 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, 229, 179) }
```


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

```
.border{ border-color:rgb(180, 229, 179) }
```

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

Here you see how a box with a 4 pixel rgb(180, 229, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 229, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 229, 179);  
box-shadow:4px 4px 4px 4px rgb(180, 229,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9784, 68.9966, 53.0678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 229, 179) }
```

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

```
.background{ background-color: rgb(180,  
229, 179) }
```

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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