

Converting Colors

XYZ(54.9730, 70.1713, 53.7280)

Have a look what the booklet for
XYZ(54.9730, 70.1713, 53.7280)
contains.

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Color

**XYZ(54.9993, 70.2386,
53.8387)**

Conversions

Conversions Part 1

Format	Color
Hex	B0E8B4
RGB	176, 232, 180
RGB Percent	69%, 91%, 71%
CMY	0.3098, 0.0902, 0.2941
CMYK	0.24, 0.00, 0.22, 0.09
HSL	124°, 55%, 80%
HSV	124°, 24%, 91%
XYZ	54.9993, 70.2386, 53.8387
YIQ	209.3280, -16.6840, -28.0440

Conversions

Conversions Part 2

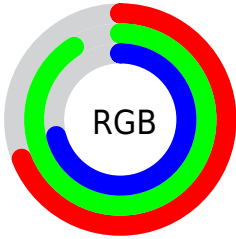
Format	Color
RYB	176, 228, 232
Decimal	11593908
CIELab	87.11, -27.80, 19.63
CIELCh	87, 34.033, 144.774
Yxy	70.2386, 0.3071, 0.3922
Android (android.graphics.Color)	4289783988 (0xFFB0E8B4)
YUV	209.3280, -14.4587, -29.2287
Hunter-Lab	83.8085, -29.5242, 20.5779

Details

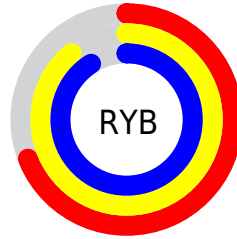
The XYZ color **54.9993, 70.2386, 53.8387** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.8100, 53.8094, 80.4774**, and the grayscale version is **60.9193, 64.0919, 69.7961**.

A 20% lighter version of the original color is **84.1790, 94.7319, 93.2053**, and **27.3821, 36.7205, 25.7233** is the 20% darker color. If you saturate the color by 10%, you get **48.1684, 66.9533, 42.9399**, and if you desaturate by 10%, it is **63.0716, 74.1284, 66.5791**.

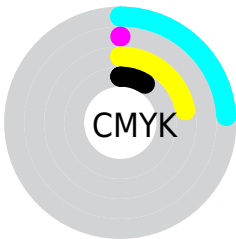
Distribution



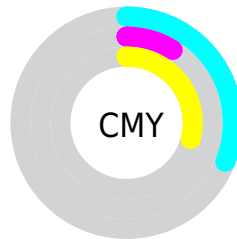
- Red (69%)
- Green (91%)
- Blue (71%)



- Red (69%)
- Yellow (89%)
- Blue (91%)



- Cyan (24%)
- Magenta (0%)
- Yellow (22%)
- Black (9%)





- Cyan (31%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9993, 70.2386, 53.8387 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 54.9993, 70.2386, 53.8387 by changing the saturation by 10% instead.


 54.9993, 70.2386,
53.8387

 54.9993, 70.2386,
53.8387


396.0457,
461.3873, 418.6518

 39.6350, 51.7211,
38.0804


 96.6883, 119.5490,
97.2914

 27.4370, 36.7828,
25.7428


123.7436,
151.1106, 125.8229

 18.0400, 25.0394,
16.4073


155.4267,
187.7890, 159.4492

 11.0786, 16.1064,
9.6553

192.1029,
229.9687, 198.5888

 6.1874, 9.5995,
5.0684

234.1376,
278.0339, 243.6604

 3.0011, 5.1342,
2.2280

281.8960,

 1.1543, 2.3262,

332.3692, 295.0824

0.6905

335.7436,
393.3589, 353.2734

0.0699, 0.7875,
0.0000

0.0000, 0.0000,
0.0000

54.9993, 70.2386,
53.8387

54.9993, 70.2386,
53.8387

48.1684, 66.9533,
42.9399

63.0716, 74.1284,
66.5791

42.5120, 64.2340,
33.7931

72.4367, 78.6416,
81.2359

37.9655, 62.0511,
26.3085

83.1499, 83.8071,
97.8852

34.4556, 60.3691,
20.3861

88.1480, 86.1960,
106.5993

■ 31.9005, 59.1482,
15.9155

■ 30.2056, 58.3423,
12.7717

■ 29.2572, 57.8958,
10.8085

■ 28.9559, 57.7551,
10.1348

Harmonies

Analogous

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



60.5373, 70.2386, 43.1291



54.9993, 70.2386, 53.8387



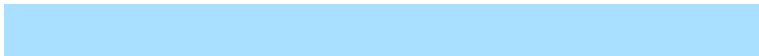
52.6225, 70.2386, 72.5469

Triad

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



54.9993, 70.2386, 53.8387



65.3726, 70.2386, 129.0841



81.6747, 70.2386, 59.5101

Complementary

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



54.9993, 70.2386, 53.8387



62.8100, 53.8094, 80.4774

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.



83.2260, 70.2386, 80.5484



54.9993, 70.2386, 53.8387



73.3945, 70.2386, 123.6895

Square

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



54.9993, 70.2386, 53.8387



58.2989, 70.2386, 118.2592



80.0873, 70.2386, 104.7116



76.0019, 70.2386, 45.9177

Rectangle

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



54.9993, 70.2386, 53.8387



53.0017, 70.2386, 88.2339



80.0873, 70.2386, 104.7116



82.7136, 70.2386, 65.8155

Sweetspot

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



55.0012, 70.2416, 53.8403



86.2303, 95.7484, 95.1533



68.7756, 77.3890, 52.3876



18.3023, 20.4196, 20.1252



0.0000, 0.0000, 0.0000



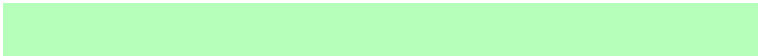
20.3446, 21.4041, 23.3091

Same Dimension

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



55.0012, 70.2416, 53.8403



63.7262, 84.9092, 59.6706



58.1155, 71.4873, 70.2401



14.2309, 16.1058, 15.4806



16.0911, 32.0686, 5.7142



1.2038, 2.3756, 0.4997

Inverse Universe

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



62.8100, 53.8094, 80.4774



74.9850, 61.2125, 98.0730



59.2627, 52.3905, 61.7977



14.9483, 14.5965, 17.9283



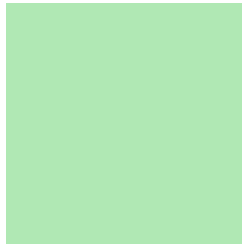
25.3348, 12.2682, 36.9879



1.8856, 0.9119, 2.8038

Previews

White Background



This preview shows how the XYZ color 54.9993, 70.2386, 53.8387 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 54.9993, 70.2386, 53.8387 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

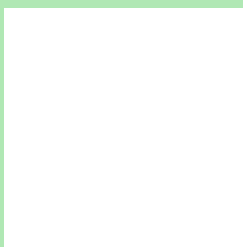
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9993, 70.2386, 53.8387

Background



This preview shows how black text looks on a background with the XYZ color 54.9993, 70.2386, 53.8387.

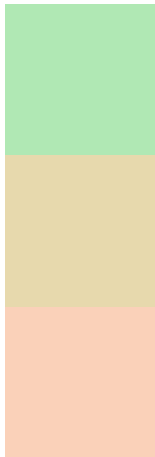


This preview shows how white text looks on a background with the XYZ color 54.9993, 70.2386, 53.8387.

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

54.9993, 70.2386, 53.8387

Protanopia

65.3107, 69.6318, 49.5332

Deuteranopia

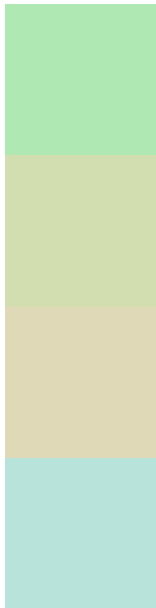
70.9818, 69.4277, 55.5587



Tritanopia

63.1762, 70.2869, 94.2414

Trichromacy



Original Color

54.9993, 70.2386, 53.8387

Protanomaly

60.8217, 69.2260, 51.2306

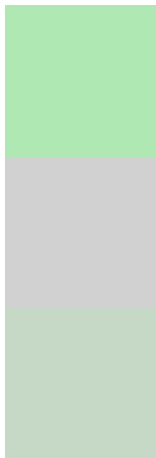
Deuteranomaly

63.7915, 68.7326, 54.7043

Tritanomaly

59.7837, 70.1199, 77.4014

Monochromacy



Original Color

54.9993, 70.2386, 53.8387

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.0319, 65.5732, 63.0244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9993, 70.2386, 53.8387 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(176, 232, 180)` looks like.

```
.text, #text, p{  
    color:rgb(176, 232, 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(176, 232, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 232, 180) }
```

Border

The CSS property to change the border of an element to XYZ 54.9993, 70.2386, 53.8387 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(176, 232, 180) }
```


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

```
.border{ border-color:rgb(176, 232, 180) }
```

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

Here you see how a box with a 4 pixel rgb(176, 232, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 232, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 232, 180);  
box-shadow:4px 4px 4px 4px rgb(176, 232,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9993, 70.2386, 53.8387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 232, 180) }
```

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

```
.background{ background-color: rgb(176,  
232, 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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