

Converting Colors

XYZ(53.9390, 70.6815, 58.4775)

Have a look what the booklet for
XYZ(53.9390, 70.6815, 58.4775)
contains.

XYZ(54.0953, 70.9400, 58.4186)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.0953, 70.9400,
58.4186)**

Conversions

Conversions Part 1

Format	Color
Hex	A4EBBC
RGB	164, 235, 188
RGB Percent	64%, 92%, 74%
CMY	0.3569, 0.0784, 0.2627
CMYK	0.30, 0.00, 0.20, 0.08
HSL	140°, 64%, 78%
HSV	140°, 30%, 92%
XYZ	54.0953, 70.9400, 58.4186
YIQ	208.4130, -27.2290, -29.6690

Conversions

Conversions Part 2

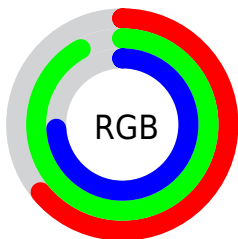
Format	Color
RYB	164, 217, 235
Decimal	10808252
CIELab	87.46, -31.57, 15.86
CIELCh	87, 35.330, 153.331
Yxy	70.9400, 0.2949, 0.3867
Android (android.graphics.Color)	4288998332 (0xFFA4EBBC)
YUV	208.4130, -10.0636, -38.9502
Hunter-Lab	84.2259, -32.7511, 17.8349

Details

The XYZ color **54.0953, 70.9400, 58.4186** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.2967, 48.9180, 67.9479**, and the grayscale version is **60.2998, 63.4401, 69.0863**.

A 20% lighter version of the original color is **81.6043, 93.2673, 99.2893**, and **26.9237, 37.3045, 28.7031** is the 20% darker color. If you saturate the color by 10%, you get **48.0988, 68.0341, 49.8510**, and if you desaturate by 10%, it is **61.1725, 74.3861, 67.9836**.

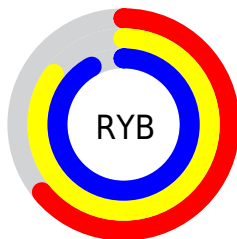
Distribution



Red (64%)

Green (92%)

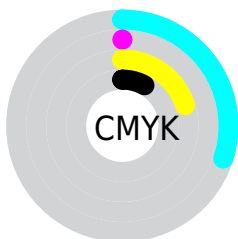
Blue (74%)



Red (64%)

Yellow (85%)

Blue (92%)

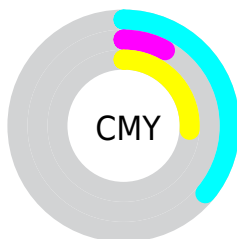


Cyan (30%)

Magenta (0%)

Yellow (20%)

Black (8%)



Cyan (36%)


Magenta (8%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0953, 70.9400, 58.4186 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 54.0953, 70.9400, 58.4186 by changing the saturation by 10% instead.


 54.0953, 70.9400,
58.4186


 54.0953, 70.9400,
58.4186


392.6657,
463.8437, 436.3857

 38.9088, 52.2932,
41.7283


 95.3702, 120.5483,
104.0530

 26.8692, 37.2389,
28.5647


 122.1894,
152.2786, 133.8342

 17.6111, 25.3925,
18.5090


153.6169,
189.1389, 168.8161

 10.7691, 16.3697,
11.1428

190.0179,
231.5135, 209.4173

 5.9780, 9.7861,
6.0476

231.7580,
279.7869, 256.0563

 2.8722, 5.2574,
2.8048


279.2024,


 1.0866, 2.3991,


334.3435, 309.1517


0.9958


332.7166,
395.5676, 369.1220


 0.0138, 0.8254,
0.0000


 0.0000, 0.0000,
0.0000


 54.0953, 70.9400,
58.4186


 54.0953, 70.9400,
58.4186


 48.0988, 68.0341,
49.8510


 61.1725, 74.3861,
67.9836


 43.1222, 65.6318,
42.2436

 69.3759, 78.3892,
78.5719

 39.1071, 63.7056,
35.5639

 78.7550, 82.9763,
90.2148

 35.9868, 62.2219,
29.7757

 88.2410, 87.5959,
102.8883

■ 33.6853, 61.1423,
24.8402

■ 88.9997, 87.8993,
106.8832

■ 32.1131, 60.4215,
20.7157

■ 31.1368, 59.9902,
17.4186

Harmonies

Analogous

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



58.9982, 70.9400, 44.8902



54.0953, 70.9400, 58.4186



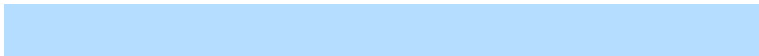
52.6595, 70.9400, 79.9394

Triad

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



54.0953, 70.9400, 58.4186



68.3619, 70.9400, 132.7182



81.7220, 70.9400, 54.6673

Complementary

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



54.0953, 70.9400, 58.4186



59.2967, 48.9180, 67.9479

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.



84.7239, 70.9400, 74.6052



54.0953, 70.9400, 58.4186



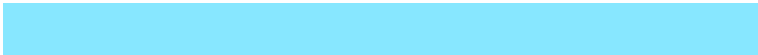
76.6211, 70.9400, 122.2850

Square

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



54.0953, 70.9400, 58.4186



60.4861, 70.9400, 125.9436



82.7852, 70.9400, 99.7272



74.8781, 70.9400, 43.0583

Rectangle

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



54.0953, 70.9400, 58.4186



53.7554, 70.9400, 96.8821



82.7852, 70.9400, 99.7272



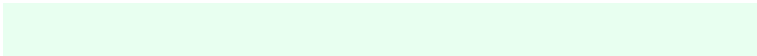
83.2383, 70.9400, 60.4529

Sweetspot

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



54.0972, 70.9430, 58.4202



84.7545, 94.9640, 96.1510



63.3713, 75.9984, 46.4520



17.8083, 20.1637, 20.1602



0.0000, 0.0000, 0.0000



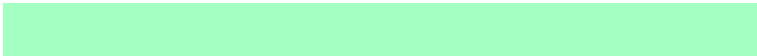
20.3446, 21.4041, 23.3091

Same Dimension

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



54.0972, 70.9430, 58.4202



60.6687, 83.2330, 64.0424



58.3622, 72.6490, 80.8795



15.0784, 16.9462, 17.0957



17.3817, 33.4071, 9.9750



1.4083, 2.6406, 1.0121

Inverse Universe

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



59.2967, 48.9180, 67.9479



67.8232, 52.9057, 77.1370



55.3585, 47.3427, 47.2095



15.4859, 15.2222, 17.8439



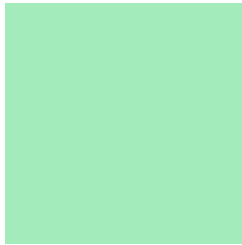
22.4490, 11.1823, 18.6975



1.8074, 0.8959, 1.7030

Previews

White Background



This preview shows how the XYZ color 54.0953, 70.9400, 58.4186 looks on a white background.

Color Contrast Check

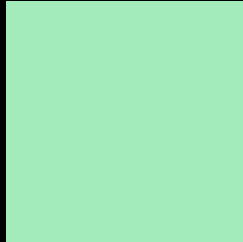
Large Text (above 18pt) WCAG AA × Fail

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 54.0953, 70.9400, 58.4186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

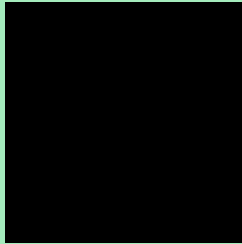
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

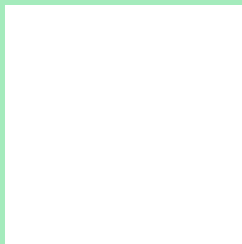
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0953, 70.9400, 58.4186

Background



This preview shows how black text looks on a background with the XYZ color 54.0953, 70.9400, 58.4186.



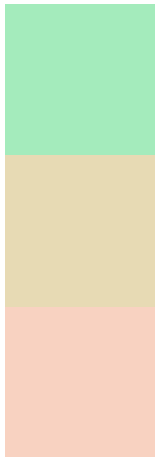
This preview shows how white text looks on a background with the XYZ color 54.0953, 70.9400,

58.4186.

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

54.0953, 70.9400, 58.4186

Protanopia

66.2646, 70.4270, 53.2813

Deuteranopia

71.3836, 69.8999, 60.1818



Tritanopia

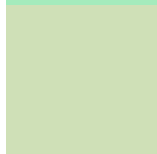
61.6297, 70.6447, 96.7738

Trichromacy



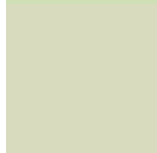
Original Color

54.0953, 70.9400, 58.4186



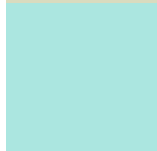
Protanomaly

60.9350, 69.9956, 55.0986



Deuteranomaly

63.3508, 69.1763, 59.3036



Tritanomaly

58.5459, 70.6334, 81.0689

Monochromacy



Original Color

54.0953, 70.9400, 58.4186



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

57.3522, 65.5663, 64.8911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0953, 70.9400, 58.4186 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(164, 235, 188)` looks like.

```
.text, #text, p{  
    color:rgb(164, 235, 188)  
}
```

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(164, 235, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 235, 188) }
```

Border

The CSS property to change the border of an element to XYZ 54.0953, 70.9400, 58.4186 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(164, 235, 188) }
```


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

```
.border{ border-color:rgb(164, 235, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 235, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 235, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 235, 188);  
box-shadow:4px 4px 4px 4px rgb(164, 235,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0953, 70.9400, 58.4186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 235, 188) }
```

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

```
.background{ background-color: rgb(164,  
235, 188) }
```

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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