

Converting Colors

XYZ(54.5060, 70.6916, 40.8360)

Have a look what the booklet for
XYZ(54.5060, 70.6916, 40.8360)
contains.

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Color

**XYZ(54.4171, 70.6450,
40.9048)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E999
RGB	183, 233, 153
RGB Percent	72%, 91%, 60%
CMY	0.2824, 0.0863, 0.4000
CMYK	0.21, 0.00, 0.34, 0.09
HSL	98°, 65%, 76%
HSV	98°, 34%, 91%
XYZ	54.4171, 70.6450, 40.9048
YIQ	208.9300, -4.1200, -35.4800

Conversions

Conversions Part 2

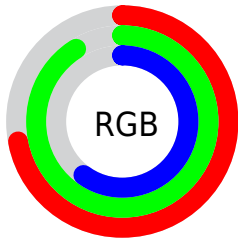
Format	Color
RYB	153, 233, 203
Decimal	12052889
CIELab	87.31, -30.13, 33.81
CIELCh	87, 45.291, 131.706
Yxy	70.6450, 0.3279, 0.4257
Android (android.graphics.Color)	4290242969 (0xFFB7E999)
YUV	208.9300, -27.5735, -22.7406
Hunter-Lab	84.0506, -31.5218, 29.9808

Details

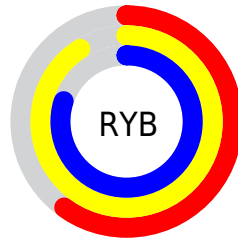
The XYZ color **54.4171, 70.6450, 40.9048** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **50.7309, 41.3643, 82.4049**, and the grayscale version is **60.7363, 63.8994, 69.5864**.

A 20% lighter version of the original color is **83.0803, 94.5993, 73.5552**, and **27.1244, 37.0510, 18.0339** is the 20% darker color. If you saturate the color by 10%, you get **49.3913, 68.2573, 31.5862**, and if you desaturate by 10%, it is **60.1808, 73.3740, 52.2224**.

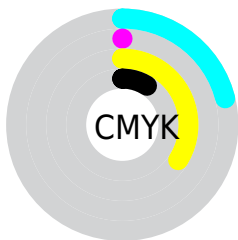
Distribution



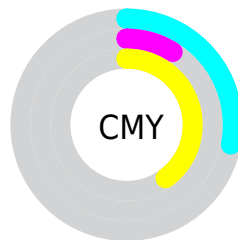
- Red (72%)
- Green (91%)
- Blue (60%)



- Red (60%)
- Yellow (91%)
- Blue (80%)



- Cyan (21%)
- Magenta (0%)
- Yellow (34%)
- Black (9%)





- Cyan (28%)
- Magenta (9%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4171, 70.6450, 40.9048 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 54.4171, 70.6450, 40.9048 by changing the saturation by 10% instead.


 54.4171, 70.6450,
40.9048


 54.4171, 70.6450,
40.9048


393.8710,
462.8115, 365.5874

 39.1672, 52.0525,
27.9256


 95.8397, 120.1281,
77.7915

 27.0711, 37.0470,
18.0310


 122.7431,
151.7876, 102.5360

 17.7635, 25.2438,
10.8026


154.2618,
188.5714, 132.0393

 10.8790, 16.2588,
5.8217

190.7610,
230.8642, 166.7200

 6.0522, 9.7075,
2.6700

232.6062,
279.0502, 206.9966

 2.9178, 5.2054,
0.9283

280.1627,

 1.1105, 2.3683,

333.5138, 253.2877

0.0000

333.7959,
394.6394, 306.0118

0.0338, 0.8095,
0.0000

0.0000, 0.0000,
0.0000

54.4171, 70.6450,
40.9048

54.4171, 70.6450,
40.9048

49.3913, 68.2573,
31.5862

60.1808, 73.3740,
52.2224

45.0651, 66.1873,
24.1456

66.7077, 76.4484,
65.6411

41.4048, 64.4225,
18.4566

74.0281, 79.8840,
81.2617

38.3711, 62.9457,
14.3747

82.1692, 83.6928,
99.1770

■ 35.9196, 61.7379,
11.7328

■ 88.4304, 86.7607,
106.6935

■ 33.9981, 60.7764,
10.3267

■ 33.1053, 60.3247,
9.8990

Harmonies

Analogous

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



63.0746, 70.6450, 32.5838



54.4171, 70.6450, 40.9048



49.5120, 70.6450, 59.9334

Triad

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



54.4171, 70.6450, 40.9048



60.9181, 70.6450, 147.1603



89.2716, 70.6450, 65.6199

Complementary

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



54.4171, 70.6450, 40.9048



50.7309, 41.3643, 82.4049

Split Complementary

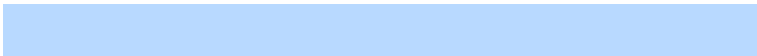
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.5367, 70.6450, 96.8474



54.4171, 70.6450, 40.9048



71.3889, 70.6450, 149.8666

Square

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



54.4171, 70.6450, 40.9048



52.9826, 70.6450, 122.9326



81.7194, 70.6450, 129.5667



83.6321, 70.6450, 44.1152

Rectangle

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



54.4171, 70.6450, 40.9048



48.6789, 70.6450, 78.6800



81.7194, 70.6450, 129.5667



89.7767, 70.6450, 75.1872

Sweetspot

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



54.4189, 70.6481, 40.9063



85.5902, 95.5666, 88.4304



60.5557, 62.0241, 38.9183



18.0525, 20.3297, 18.3602



0.0000, 0.0000, 0.0000



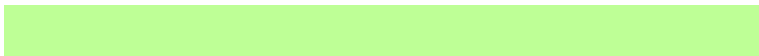
20.3446, 21.4041, 23.3091

Same Dimension

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



54.4189, 70.6481, 40.9063



62.4498, 84.6390, 42.0900



48.8292, 67.6739, 44.8281



15.4020, 17.1373, 16.0148



18.9101, 34.2930, 5.6225



1.5884, 2.7462, 0.4464

Inverse Universe

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



50.7309, 41.3643, 82.4049



57.2875, 43.7447, 100.0319



58.4076, 45.4718, 75.9862



15.1358, 15.0153, 19.0227



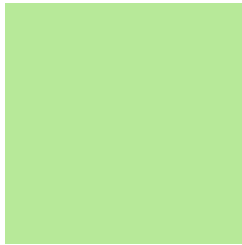
15.1767, 6.8598, 44.2671



1.2977, 0.5933, 3.4810

Previews

White Background



This preview shows how the XYZ color 54.4171, 70.6450, 40.9048 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 54.4171, 70.6450, 40.9048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

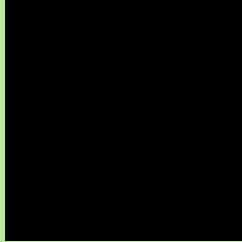
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4171, 70.6450, 40.9048

Background



This preview shows how black text looks on a background with the XYZ color 54.4171, 70.6450, 40.9048.



This preview shows how white text looks on a background with the XYZ color 54.4171, 70.6450,

40.9048.

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

54.4171, 70.6450, 40.9048

Protanopia

64.9299, 70.0823, 37.7088

Deuteranopia

71.0781, 70.0698, 45.3759



Tritanopia

64.6144, 70.2696, 92.5959

Trichromacy



Original Color

54.4171, 70.6450, 40.9048



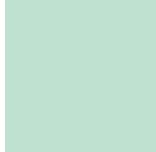
Protanomaly

60.4278, 69.6970, 38.7018



Deuteranomaly

63.8175, 69.3740, 43.7452



Tritanomaly

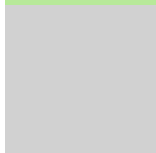
60.0674, 70.0231, 70.0244

Monochromacy



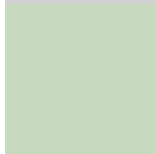
Original Color

54.4171, 70.6450, 40.9048



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

58.0761, 66.0963, 57.8410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4171, 70.6450, 40.9048 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(183, 233, 153)` looks like.

```
.text, #text, p{  
    color:rgb(183, 233, 153)  
}
```

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(183, 233, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 233, 153) }
```

Border

The CSS property to change the border of an element to XYZ 54.4171, 70.6450, 40.9048 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(183, 233, 153) }
```


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

```
.border{ border-color:rgb(183, 233, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 233, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 233, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 233, 153);  
box-shadow:4px 4px 4px 4px rgb(183, 233,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4171, 70.6450, 40.9048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 233, 153) }
```

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

```
.background{ background-color: rgb(183,  
233, 153) }
```

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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