

Converting Colors

XYZ(54.0460, 70.2717, 32.3766)

Have a look what the booklet for
XYZ(54.0460, 70.2717, 32.3766)
contains.

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Color

**XYZ(54.0077, 70.1980,
32.5329)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE884
RGB	189, 232, 132
RGB Percent	74%, 91%, 52%
CMY	0.2588, 0.0902, 0.4823
CMYK	0.19, 0.00, 0.43, 0.09
HSL	86°, 68%, 71%
HSV	86°, 43%, 91%
XYZ	54.0077, 70.1980, 32.5329
YIQ	207.7430, 6.4720, -40.2160

Conversions

Conversions Part 2

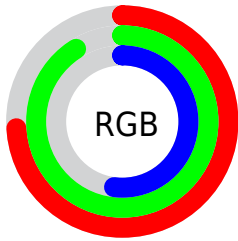
Format	Color
RYB	132, 232, 175
Decimal	12445828
CIELab	87.09, -30.23, 44.04
CIELCh	87, 53.421, 124.469
Yxy	70.1980, 0.3446, 0.4479
Android (android.graphics.Color)	4290635908 (0xFFBDE884)
YUV	207.7430, -37.3413, -16.4376
Hunter-Lab	83.7842, -31.5605, 35.6270

Details

The XYZ color **54.0077, 70.1980, 32.5329** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **40.4990, 31.4448, 80.2829**, and the grayscale version is **60.0205, 63.1463, 68.7663**.

A 20% lighter version of the original color is **82.9807, 94.8393, 60.3866**, and **26.8048, 36.6982, 13.2601** is the 20% darker color. If you saturate the color by 10%, you get **50.2035, 68.4025, 24.9693**, and if you desaturate by 10%, it is **58.3388, 72.2286, 41.9668**.

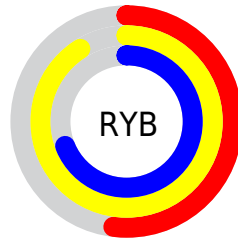
Distribution



Red (74%)

Green (91%)

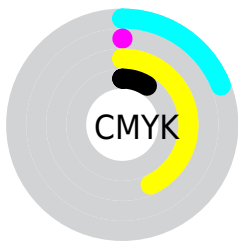
Blue (52%)



Red (52%)

Yellow (91%)

Blue (69%)

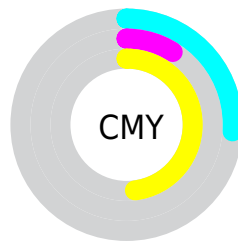


Cyan (19%)

Magenta (0%)

Yellow (43%)

Black (9%)



Cyan (26%)

Magenta (9%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0077, 70.1980, 32.5329 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 54.0077, 70.1980, 32.5329 by changing the saturation by 10% instead.


 54.0077, 70.1980,
32.5329

 54.0077, 70.1980,
32.5329


392.3372,
461.2449, 328.1069


 38.8385, 51.6880,
21.5007


 95.2424, 119.4911,
64.7532

 26.8143, 36.7564,
13.2957


 122.0386,
151.0429, 86.7783

 17.5697, 25.0190,
7.4993


 153.4412,
187.7108, 113.3048

 10.7393, 16.0912,
3.6932

189.8155,
229.8791, 144.7512

 5.9578, 9.5887,
1.4586

231.5269,
277.9323, 181.5361

 2.8599, 5.1271,
0.1868

278.9408,

 1.0801, 2.3220,

332.2548, 224.0780

0.0000

332.4224,
393.2308, 272.7954

0.0084, 0.7853,
0.0000

0.0000, 0.0000,
0.0000

54.0077, 70.1980,
32.5329

54.0077, 70.1980,
32.5329

50.2035, 68.4025,
24.9693

58.3388, 72.2286,
41.9668

46.8938, 66.8218,
19.1466


63.2162, 74.4955,
53.3797


44.0503, 65.4464,
14.9261


68.6649, 77.0113,
66.8776

41.6387, 64.2622,
12.1462

74.7062, 79.7849,
82.5574

 39.6181, 63.2524,
10.6111

 81.3605, 82.8248,
100.5101

 38.4103, 62.6406,
10.0664

 85.9264, 85.0509,
106.4954

 88.1481, 86.1963,
106.5994

Harmonies

Analogous

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



64.8634, 70.1980, 26.2582



54.0077, 70.1980, 32.5329



47.2778, 70.1980, 50.4130

Triad

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



54.0077, 70.1980, 32.5329



56.8781, 70.1980, 157.0093



93.7013, 70.1980, 71.1881

Complementary

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



54.0077, 70.1980, 32.5329



40.4990, 31.4448, 80.2829

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.



90.8754, 70.1980, 110.1492



54.0077, 70.1980, 32.5329



68.6139, 70.1980, 167.7820

Square

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



54.0077, 70.1980, 32.5329



48.7839, 70.1980, 122.4482



81.2877, 70.1980, 148.4899



88.5907, 70.1980, 43.6882

Rectangle

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



54.0077, 70.1980, 32.5329



45.5215, 70.1980, 69.9824



81.2877, 70.1980, 148.4899



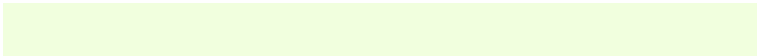
93.6526, 70.1980, 83.2697

Sweetspot

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



54.0094, 70.2011, 32.5344



85.1130, 95.4416, 82.9380



52.5180, 48.9677, 28.5146



17.8836, 20.2745, 16.9083



0.0000, 0.0000, 0.0000



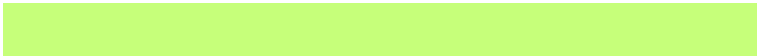
20.3446, 21.4041, 23.3091

Same Dimension

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



54.0094, 70.2011, 32.5344



62.5801, 84.9376, 31.6388



43.8952, 64.9870, 32.0611



14.9717, 16.4925, 15.2987



21.4698, 34.8496, 5.5951



1.6924, 2.6299, 0.4184

Inverse Universe

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



40.4990, 31.4448, 80.2829



43.7473, 30.8718, 98.2609



53.4568, 38.1247, 80.8893



14.1677, 14.1887, 18.1363



11.1277, 4.8024, 42.7236



0.9269, 0.4088, 3.1620

Previews

White Background



This preview shows how the XYZ color 54.0077, 70.1980, 32.5329 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 54.0077, 70.1980, 32.5329 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

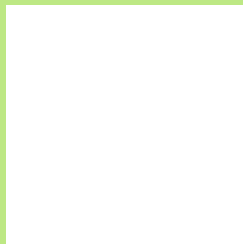
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0077, 70.1980, 32.5329

Background



This preview shows how black text looks on a background with the XYZ color 54.0077, 70.1980, 32.5329.



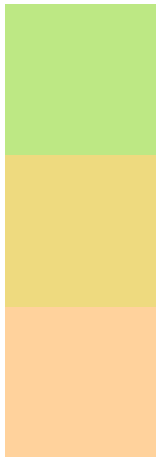
This preview shows how white text looks on a background with the XYZ color 54.0077, 70.1980,

32.5329.

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

54.0077, 70.1980, 32.5329

Protanopia

64.1621, 69.8523, 30.1798

Deuteranopia

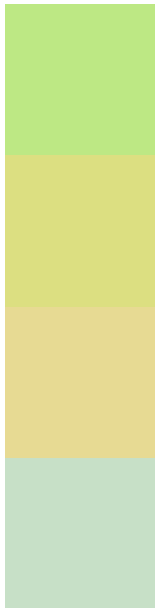
70.2873, 69.7535, 41.2117



Tritanopia

65.7811, 70.1382, 90.1918

Trichromacy



Original Color

54.0077, 70.1980, 32.5329

Protanomaly

59.8653, 69.5760, 31.0431

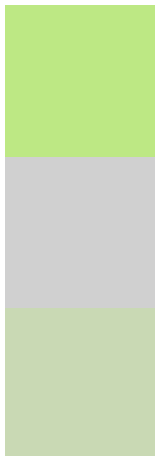
Deuteranomaly

63.2929, 69.2383, 37.6322

Tritanomaly

60.5176, 69.5769, 64.2729

Monochromacy



Original Color

54.0077, 70.1980, 32.5329

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

57.1385, 65.3385, 52.7801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0077, 70.1980, 32.5329 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(189, 232, 132)` looks like.

```
.text, #text, p{  
    color:rgb(189, 232, 132)  
}
```

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(189, 232, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 232, 132) }
```

Border

The CSS property to change the border of an element to XYZ 54.0077, 70.1980, 32.5329 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(189, 232, 132) }
```


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

```
.border{ border-color:rgb(189, 232, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 232, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 232, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 232, 132);  
box-shadow:4px 4px 4px 4px rgb(189, 232,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0077, 70.1980, 32.5329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 232, 132) }
```

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

```
.background{ background-color: rgb(189,  
232, 132) }
```

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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