

Converting Colors

XYZ(54.4682, 75.2029, 32.4149)

Have a look what the booklet for
XYZ(54.4682, 75.2029, 32.4149)
contains.

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Color

**XYZ(54.3731, 75.1511,
32.4087)**

Conversions

Conversions Part 1

Format	Color
Hex	B2F381
RGB	178, 243, 129
RGB Percent	70%, 95%, 51%
CMY	0.3020, 0.0470, 0.4941
CMYK	0.27, 0.00, 0.47, 0.05
HSL	94°, 83%, 73%
HSV	94°, 47%, 95%
XYZ	54.3731, 75.1511, 32.4087
YIQ	210.5690, -2.1460, -49.2340

Conversions

Conversions Part 2

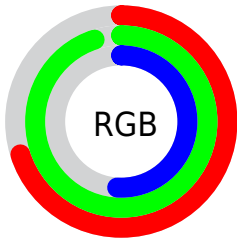
Format	Color
RYB	129, 243, 194
Decimal	11727745
CIELab	89.46, -39.52, 48.30
CIElCh	89, 62.405, 129.290
Yxy	75.1511, 0.3358, 0.4641
Android (android.graphics.Color)	4289917825 (0xFFB2F381)
YUV	210.5690, -40.2135, -28.5630
Hunter-Lab	86.6897, -39.7492, 38.5174

Details

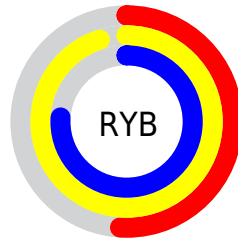
The XYZ color **54.3731, 75.1511, 32.4087** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **46.2793, 33.6431, 88.8527**, and the grayscale version is **61.8920, 65.1152, 70.9104**.

A 20% lighter version of the original color is **79.0038, 92.8136, 59.0983**, and **26.9245, 39.7912, 13.2826** is the 20% darker color. If you saturate the color by 10%, you get **49.9262, 73.0259, 24.7486**, and if you desaturate by 10%, it is **59.5290, 77.6020, 42.1098**.

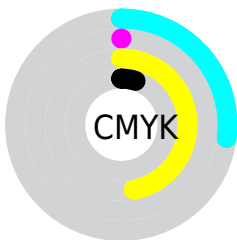
Distribution



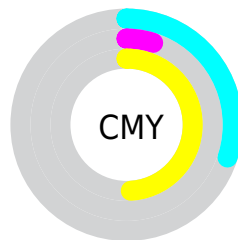
- Red (70%)
- Green (95%)
- Blue (51%)



- Red (51%)
- Yellow (95%)
- Blue (76%)



- Cyan (27%)
- Magenta (0%)
- Yellow (47%)
- Black (5%)



- Cyan (30%)
- Magenta (5%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3731, 75.1511, 32.4087 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 54.3731, 75.1511, 32.4087 by changing the saturation by 10% instead.

■ 54.3731, 75.1511,
32.4087

■ 54.3731, 75.1511,
32.4087

393.7063,
478.4368, 327.5267

■ 39.1319, 55.7367,
21.4065

■ 95.7755, 126.5262,
64.5566

■ 27.0435, 39.9918,
13.2273

■ 122.6675,
159.2557, 86.5393

■ 17.7427, 27.5322,
7.4527

■ 154.1737,
197.1924, 113.0193

■ 10.8640, 17.9733,
3.6641

190.6595,
240.7206, 144.4151

■ 6.0420, 10.9308,
1.4429

232.4903,
290.2247, 181.1451

■ 2.9116, 6.0203,
0.1749

280.0315,

■ 1.1072, 2.8575,

346.0892, 223.6281

0.0000

333.6484,
408.6984, 272.2824

0.0311, 1.0578,
0.0000

0.0000, 0.0000,
0.0000

54.3731, 75.1511,
32.4087

54.3731, 75.1511,
32.4087

49.9262, 73.0259,
24.7486

59.5290, 77.6020,
42.1098

46.1457, 71.2008,
18.9785


65.4223, 80.3835,
53.9788


42.9919, 69.6612,
14.9345


72.0865, 83.5126,
68.1381


40.4178, 68.3872,
12.4222

79.5512, 87.0019,
84.6995

 38.3653, 67.3541,
11.1940

 87.8442, 90.8637,
103.7673

 37.8125, 67.0739,
10.9536

 91.3422, 92.5843,
107.6641

Harmonies

Analogous

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



66.7845, 75.1511, 23.6646



54.3731, 75.1511, 32.4087



47.2948, 75.1511, 55.5031

Triad

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



54.3731, 75.1511, 32.4087



61.5227, 75.1511, 188.6359



104.5708, 75.1511, 68.9660

Complementary

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



54.3731, 75.1511, 32.4087



46.2793, 33.6431, 88.8527

Split Complementary

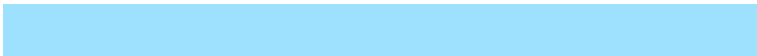
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102.6296, 75.1511, 115.3824



54.3731, 75.1511, 32.4087



76.2837, 75.1511, 196.3095

Square

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



54.3731, 75.1511, 32.4087



50.9948, 75.1511, 147.6109



91.7234, 75.1511, 165.8835



96.7008, 75.1511, 39.2314

Rectangle

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



54.3731, 75.1511, 32.4087



45.8671, 75.1511, 80.7872



91.7234, 75.1511, 165.8835



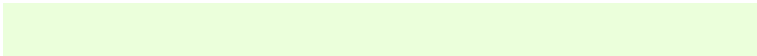
105.0661, 75.1511, 82.8752

Sweetspot

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



54.3749, 75.1544, 32.4103



82.7291, 94.2518, 81.0572



60.1304, 59.0483, 28.9982



17.3353, 19.9996, 16.5346



0.0000, 0.0000, 0.0000



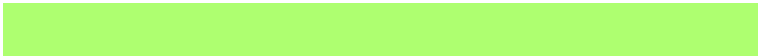
20.3446, 21.4041, 23.3091

Same Dimension

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



54.3749, 75.1544, 32.4103



56.0566, 81.6441, 28.1921



45.5928, 70.5664, 34.7357



16.9576, 18.8202, 17.5365



20.8993, 36.8868, 6.0184



1.9521, 3.3014, 0.5343

Inverse Universe

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



46.2793, 33.6431, 88.8527



46.0185, 30.2724, 98.0255



59.8686, 40.7785, 83.6201



16.4858, 16.3931, 20.8379



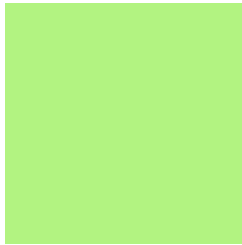
14.8399, 6.6246, 47.0345



1.4218, 0.6428, 4.1394

Previews

White Background



This preview shows how the XYZ color 54.3731, 75.1511, 32.4087 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 54.3731, 75.1511, 32.4087 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 54.3731, 75.1511, 32.4087

Background



This preview shows how black text looks on a background with the XYZ color 54.3731, 75.1511, 32.4087.



This preview shows how white text looks on a background with the XYZ color 54.3731, 75.1511,

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

54.3731, 75.1511, 32.4087

Protanopia

68.1745, 74.3093, 29.1623

Deuteranopia

74.0493, 74.4980, 51.0342



Tritanopia

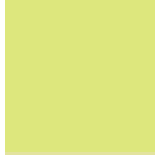
68.0050, 75.1067, 99.7197

Trichromacy



Original Color

54.3731, 75.1511, 32.4087



Protanomaly

62.0964, 74.0046, 30.4135



Deuteranomaly

65.3192, 73.7377, 43.1379



Tritanomaly

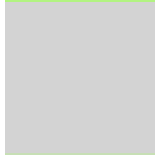
61.7140, 74.6433, 68.9125

Monochromacy



Original Color

54.3731, 75.1511, 32.4087



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

58.2814, 68.2537, 53.8186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3731, 75.1511, 32.4087 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(178, 243, 129)` looks like.

```
.text, #text, p{  
    color:rgb(178, 243, 129)  
}
```

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(178, 243, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 243, 129) }
```

Border

The CSS property to change the border of an element to XYZ 54.3731, 75.1511, 32.4087 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(178, 243, 129) }
```


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

```
.border{ border-color:rgb(178, 243, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 243, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 243, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 243, 129);  
box-shadow:4px 4px 4px 4px rgb(178, 243,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3731, 75.1511, 32.4087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 243, 129) }
```

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

```
.background{ background-color: rgb(178,  
243, 129) }
```

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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