

Converting Colors

XYZ(53.4130, 75.0792, 31.0875)

Have a look what the booklet for
XYZ(53.4130, 75.0792, 31.0875)
contains.

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Color

**XYZ(53.5079, 75.1807,
31.0932)**

Conversions

Conversions Part 1

Format	Color
Hex	AEF47D
RGB	174, 244, 125
RGB Percent	68%, 96%, 49%
CMY	0.3176, 0.0431, 0.5098
CMYK	0.29, 0.00, 0.49, 0.04
HSL	95°, 84%, 72%
HSV	95°, 49%, 96%
XYZ	53.5079, 75.1807, 31.0932
YIQ	209.5040, -3.5210, -51.8490

Conversions

Conversions Part 2

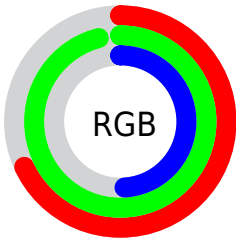
Format	Color
RYB	125, 244, 195
Decimal	11465853
CIELab	89.48, -41.79, 50.15
CIELCh	89, 65.283, 129.803
Yxy	75.1807, 0.3349, 0.4705
Android (android.graphics.Color)	4289655933 (0xFFAEF47D)
YUV	209.5040, -41.6605, -31.1370
Hunter-Lab	86.7068, -41.5822, 39.4333

Details

The XYZ color **53.5079, 75.1807, 31.0932** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **46.1718, 32.8033, 89.4903**, and the grayscale version is **61.2010, 64.3883, 70.1188**.

A 20% lighter version of the original color is **77.2769, 91.9711, 56.8593**, and **26.4112, 39.8601, 12.4326** is the 20% darker color. If you saturate the color by 10%, you get **49.1084, 73.0735, 23.7264**, and if you desaturate by 10%, it is **58.6358, 77.6238, 40.4956**.

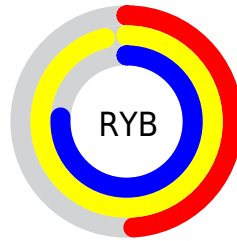
Distribution



Red (68%)

Green (96%)

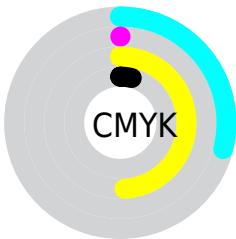
Blue (49%)



Red (49%)

Yellow (96%)

Blue (76%)

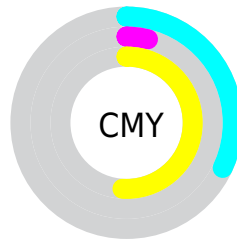


Cyan (29%)

Magenta (0%)

Yellow (49%)

Black (4%)



Cyan (32%)


Magenta (4%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5079, 75.1807, 31.0932 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 53.5079, 75.1807, 31.0932 by changing the saturation by 10% instead.

 53.5079, 75.1807,
31.0932


 53.5079, 75.1807,
31.0932


390.4597,
478.5384, 321.3319


 38.4375, 55.7609,
20.4108


 94.5125, 126.5681,
62.4681

 26.5012, 40.0113,
12.5070


 121.1773,
159.3046, 83.9976

 17.3336, 27.5473,
6.9632

 152.4377,
197.2487, 109.9799

 10.5694, 17.9847,
3.3610

188.6589,
240.7849, 140.8335

 5.8432, 10.9390,
1.2818

230.2064,
290.2976, 176.9770

 2.7897, 6.0258,
0.0468

277.4454,

 1.0436, 2.8608,

346.1711, 218.8288

0.0000

330.7414,
408.7900, 266.8077

0.0000, 1.0595,
0.0000

0.0000, 0.0000,
0.0000

53.5079, 75.1807,
31.0932

53.5079, 75.1807,
31.0932

49.1084, 73.0735,
23.7264

58.6358, 77.6238,
40.4956

45.3924, 71.2754,
18.2395


64.5224, 80.4085,
52.0642


42.3181, 69.7710,
14.4622


71.2028, 83.5525,
65.9245


39.8351, 68.5387,
12.1912

78.7079, 87.0693,
82.1911

 37.8743, 67.5493,
11.1283

 87.0672, 90.9716,
100.9708

 37.6593, 67.4404,
11.0325

 91.6423, 93.1845,
107.7641

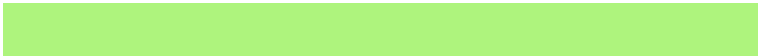
Harmonies

Analogous

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



66.3433, 75.1807, 22.0949



53.5079, 75.1807, 31.0932



46.2862, 75.1807, 55.0388

Triad

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



53.5079, 75.1807, 31.0932



61.3476, 75.1807, 195.5996



106.2838, 75.1807, 67.7485

Complementary

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



53.5079, 75.1807, 31.0932



46.1718, 32.8033, 89.4903

Split Complementary

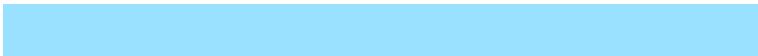
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.4141, 75.1807, 116.2238



53.5079, 75.1807, 31.0932



76.8269, 75.1807, 203.0814

Square

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



53.5079, 75.1807, 31.0932



50.3215, 75.1807, 152.2539



93.0286, 75.1807, 169.9812



97.8100, 75.1807, 37.4007

Rectangle

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



53.5079, 75.1807, 31.0932



44.8837, 75.1807, 81.5557



93.0286, 75.1807, 169.9812



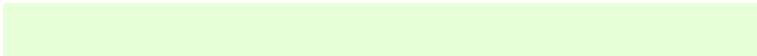
106.8702, 75.1807, 82.1630

Sweetspot

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



53.5097, 75.1840, 31.0948



81.6927, 93.7561, 79.2664



60.3976, 59.4861, 27.7018



17.1202, 19.8963, 16.1817



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.



53.5097, 75.1840, 31.0948



54.1166, 80.6913, 25.9664



45.1777, 70.8118, 34.1791



16.9285, 18.8052, 17.5351



20.6224, 36.7441, 6.0054



1.9263, 3.2881, 0.5331

Inverse Universe

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



46.1718, 32.8033, 89.4903



45.0622, 28.5764, 97.7485



59.5081, 39.8477, 82.4635



16.5155, 16.4084, 20.8392



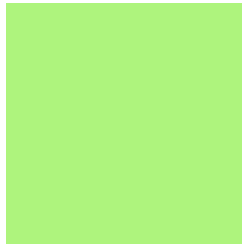
15.2480, 6.8350, 47.0536



1.4567, 0.6608, 4.1410

Previews

White Background



This preview shows how the XYZ color 53.5079, 75.1807, 31.0932 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 53.5079, 75.1807, 31.0932 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 53.5079, 75.1807, 31.0932

Background



This preview shows how black text looks on a background with the XYZ color 53.5079, 75.1807, 31.0932.

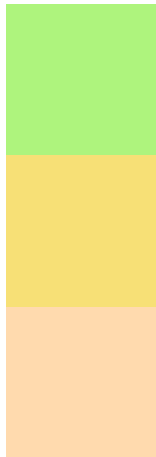


This preview shows how white text looks on a background with the XYZ color 53.5079, 75.1807,

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

53.5079, 75.1807, 31.0932

Protanopia

68.2834, 74.3935, 27.9000

Deuteranopia

73.9514, 74.4588, 50.5187



Tritanopia

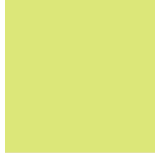
67.3880, 74.7706, 100.5030

Trichromacy



Original Color

53.5079, 75.1807, 31.0932



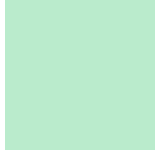
Protanomaly

61.5423, 73.7479, 29.0803



Deuteranomaly

64.8339, 73.5072, 42.2237



Tritanomaly

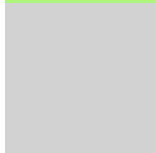
60.8571, 74.2154, 68.2442

Monochromacy



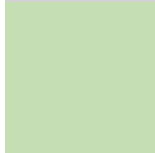
Original Color

53.5079, 75.1807, 31.0932



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

57.2839, 67.3675, 52.6319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5079, 75.1807, 31.0932 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(174, 244, 125)` looks like.

```
.text, #text, p{  
    color:rgb(174, 244, 125)  
}
```

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(174, 244, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 244, 125) }
```

Border

The CSS property to change the border of an element to XYZ 53.5079, 75.1807, 31.0932 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(174, 244, 125) }
```


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

```
.border{ border-color:rgb(174, 244, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 244, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 244, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 244, 125);  
box-shadow:4px 4px 4px 4px rgb(174, 244,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5079, 75.1807, 31.0932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 244, 125) }
```

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

```
.background{ background-color: rgb(174,  
244, 125) }
```

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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