

Converting Colors

XYZ(54.4138, 74.4715, 40.3381)

Have a look what the booklet for
XYZ(54.4138, 74.4715, 40.3381)
contains.

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Color

**XYZ(54.4907, 74.5905,
40.3796)**

Conversions

Conversions Part 1

Format	Color
Hex	ADF296
RGB	173, 242, 150
RGB Percent	68%, 95%, 59%
CMY	0.3216, 0.0510, 0.4118
CMYK	0.29, 0.00, 0.38, 0.05
HSL	105°, 78%, 77%
HSV	105°, 38%, 95%
XYZ	54.4907, 74.5905, 40.3796
YIQ	210.8810, -11.5920, -43.2400

Conversions

Conversions Part 2

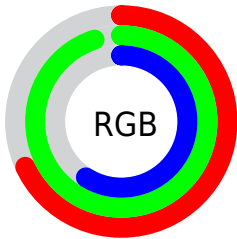
Format	Color
RYB	150, 242, 219
Decimal	11399830
CIELab	89.20, -38.09, 37.69
CIElCh	89, 53.582, 135.299
Yxy	74.5905, 0.3216, 0.4402
Android (android.graphics.Color)	4289589910 (0xFFADF296)
YUV	210.8810, -30.0143, -33.2216
Hunter-Lab	86.3658, -38.5193, 32.7355

Details

The XYZ color **54.4907, 74.5905, 40.3796** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **56.1501, 43.2858, 89.4040**, and the grayscale version is **62.0373, 65.2681, 71.0770**.

A 20% lighter version of the original color is **79.4126, 92.7508, 71.4748**, and **27.0248, 39.4313, 17.7419** is the 20% darker color. If you saturate the color by 10%, you get **48.9955, 71.9622, 30.9796**, and if you desaturate by 10%, it is **60.9375, 77.6673, 51.9279**.

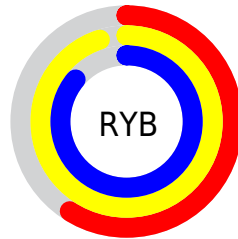
Distribution



Red (68%)

Green (95%)

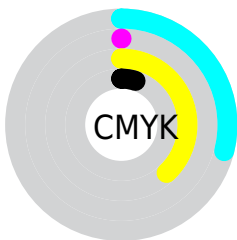
Blue (59%)



Red (59%)

Yellow (95%)

Blue (86%)

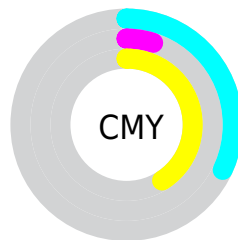


Cyan (29%)

Magenta (0%)

Yellow (38%)

Black (5%)



Cyan (32%)


Magenta (5%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4907, 74.5905, 40.3796 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 54.4907, 74.5905, 40.3796 by changing the saturation by 10% instead.


 54.4907, 74.5905,
40.3796


 54.4907, 74.5905,
40.3796


394.1463,
476.5089, 363.3205

 39.2263, 55.2775,
27.5186


 95.9470, 125.7325,
76.9846

 27.1174, 39.6239,
17.7272


 122.8697,
158.3303, 101.5657

 17.7984, 27.2454,
10.5869


154.4092,
196.1252, 130.8906

 10.9042, 17.7576,
5.6791

190.9309,
239.5014, 165.3778

 6.0693, 10.7761,
2.5854

232.8001,
288.8436, 205.4458

 2.9283, 5.9165,
0.8849


280.3821,

 1.1160, 2.7944,


344.5359, 251.5132


0.0000


334.0424,
406.9629, 303.9986


 0.0384, 1.0253,
0.0000


 0.0000, 0.0000,
0.0000


 54.4907, 74.5905,
40.3796


 54.4907, 74.5905,
40.3796


 48.9955, 71.9622,
30.9796


 60.9375, 77.6673,
51.9279


 44.3993, 69.7516,
23.5904

 68.3736, 81.2027,
65.7405

 40.6532, 67.9388,
18.0665

 76.8415, 85.2185,
81.9314

 37.7003, 66.4982,
14.2408

 86.3796, 89.7321,
100.6051

■ 35.4764, 65.4009,
11.9162

■ 91.0437, 91.9873,
107.5646

■ 33.9004, 64.6110,
10.8223

■ 33.6471, 64.4834,
10.6732

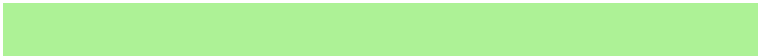
Harmonies

Analogous

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



64.4692, 74.5905, 29.6941



54.4907, 74.5905, 40.3796



49.2593, 74.5905, 64.2862

Triad

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



54.4907, 74.5905, 40.3796



64.7077, 74.5905, 172.6246



98.0053, 74.5905, 63.6663

Complementary

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



54.4907, 74.5905, 40.3796



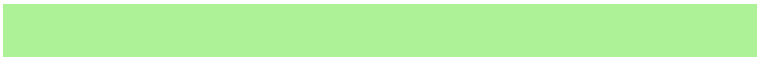
56.1501, 43.2858, 89.4040

Split Complementary

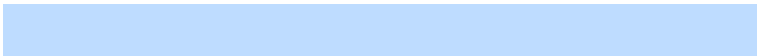
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.0897, 74.5905, 100.8850



54.4907, 74.5905, 40.3796



77.7364, 74.5905, 172.3029

Square

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



54.4907, 74.5905, 40.3796



54.6467, 74.5905, 143.8710



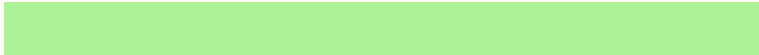
90.3021, 74.5905, 143.0934



90.0840, 74.5905, 40.0466

Rectangle

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



54.4907, 74.5905, 40.3796



48.7003, 74.5905, 88.0473



90.3021, 74.5905, 143.0934



98.9805, 74.5905, 74.7482

Sweetspot

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



54.4926, 74.5937, 40.3812



83.5373, 94.5492, 86.4838



67.4576, 71.7456, 39.1482



17.5984, 20.1037, 17.9702



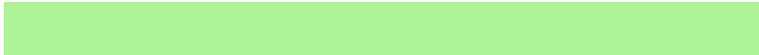
0.0000, 0.0000, 0.0000



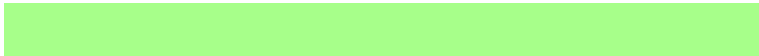
20.3446, 21.4041, 23.3091

Same Dimension

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



54.4926, 74.5937, 40.3812



56.2666, 81.5641, 36.7089



51.8750, 73.0088, 50.8948



15.9361, 17.8472, 16.7547



18.1795, 34.6934, 5.7383



1.6005, 2.9316, 0.4815

Inverse Universe

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



56.1501, 43.2858, 89.4040



58.3588, 41.4278, 99.5283



60.3132, 45.8064, 72.6836



16.0459, 15.8209, 19.9296



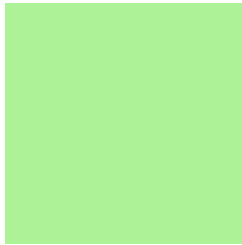
19.0424, 8.8221, 45.8271



1.6742, 0.7804, 3.8166

Previews

White Background



This preview shows how the XYZ color 54.4907, 74.5905, 40.3796 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 54.4907, 74.5905, 40.3796 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 54.4907, 74.5905, 40.3796

Background



This preview shows how black text looks on a background with the XYZ color 54.4907, 74.5905, 40.3796.



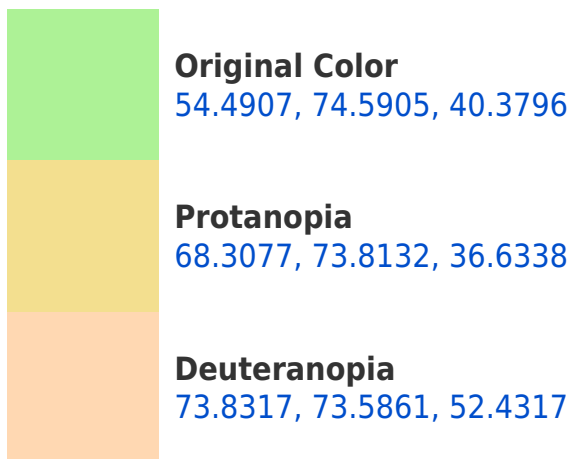
This preview shows how white text looks on a background with the XYZ color 54.4907, 74.5905,

40.3796.

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





Tritanopia

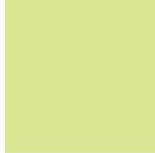
66.3820, 74.2520, 100.4559

Trichromacy



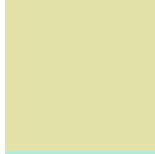
Original Color

54.4907, 74.5905, 40.3796



Protanomaly

62.3986, 73.5744, 38.1066



Deuteranomaly

65.0444, 72.6851, 47.6472



Tritanomaly

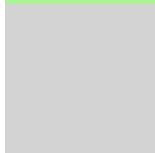
60.9615, 73.7170, 73.9666

Monochromacy



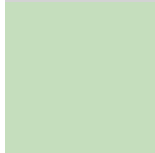
Original Color

54.4907, 74.5905, 40.3796



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

58.3325, 67.7870, 58.1539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4907, 74.5905, 40.3796 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(173, 242, 150)` looks like.

```
.text, #text, p{  
    color:rgb(173, 242, 150)  
}
```

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(173, 242, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 242, 150) }
```

Border

The CSS property to change the border of an element to XYZ 54.4907, 74.5905, 40.3796 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(173, 242, 150) }
```


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

```
.border{ border-color:rgb(173, 242, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 242, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 242, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 242, 150);  
box-shadow:4px 4px 4px 4px rgb(173, 242,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4907, 74.5905, 40.3796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 242, 150) }
```

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

```
.background{ background-color: rgb(173,  
242, 150) }
```

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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