

Converting Colors

XYZ(51.5734, 73.6594, 54.6795)

Have a look what the booklet for
XYZ(51.5734, 73.6594, 54.6795)
contains.

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Color

**XYZ(51.5734, 73.6594,
54.6795)**

Conversions

Conversions Part 1

Format	Color
Hex	8DF4B4
RGB	141, 244, 180
RGB Percent	55%, 96%, 71%
CMY	0.4471, 0.0431, 0.2941
CMYK	0.42, 0.00, 0.26, 0.04
HSL	143°, 82%, 75%
HSV	143°, 42%, 96%
XYZ	51.5734, 73.6594, 54.6795
YIQ	205.9070, -40.8440, -41.7400

Conversions

Conversions Part 2

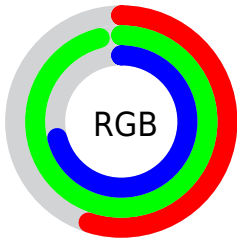
Format	Color
RYB	141, 216, 244
Decimal	9303220
CIELab	88.76, -43.74, 21.65
CIELCh	89, 48.805, 153.664
Yxy	73.6594, 0.2867, 0.4094
Android (android.graphics.Color)	4287493300 (0xFF8DF4B4)
YUV	205.9070, -12.7722, -56.9234
Hunter-Lab	85.8251, -42.9309, 22.3036

Details

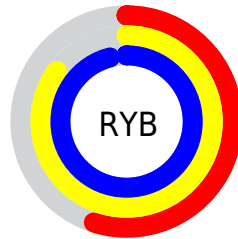
The XYZ color **51.5734, 73.6594, 54.6795** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **57.8550, 42.6922, 62.9515**, and the grayscale version is **58.7062, 61.7634, 67.2604**.

A 20% lighter version of the original color is **74.1890, 89.5819, 92.7377**, and **25.2572, 38.9578, 26.2671** is the 20% darker color. If you saturate the color by 10%, you get **46.4118, 71.1693, 46.8122**, and if you desaturate by 10%, it is **57.8218, 76.6943, 63.4829**.

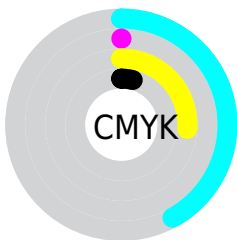
Distribution



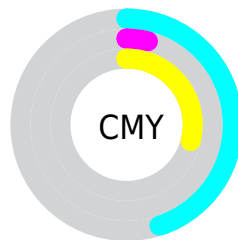
- Red (55%)
- Green (96%)
- Blue (71%)



- Red (55%)
- Yellow (85%)
- Blue (96%)



- Cyan (42%)
- Magenta (0%)
- Yellow (26%)
- Black (4%)





- Cyan (45%)
- Magenta (4%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5734, 73.6594, 54.6795 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 51.5734, 73.6594, 54.6795 by changing the saturation by 10% instead.


 51.5734, 73.6594,
54.6795


 51.5734, 73.6594,
54.6795


383.1385,
473.2970, 421.9435

 36.8880, 54.5153,
38.7483


 91.6797, 124.4129,
98.5377

 25.2941, 39.0138,
26.2577


 117.8315,
156.7910, 127.3017

 16.4262, 26.7705,
16.7890

148.5360,
194.3494, 161.1804

 9.9190, 17.4009,
9.9238

184.1587,
237.4722, 200.5924

 5.4071, 10.5207,
5.2435

225.0650,
286.5440, 245.9562

 2.5253, 5.7456,
2.3296


271.6201,

 0.9080, 2.6910,


341.9492, 297.6903


0.7477


324.1895,
404.0720, 356.2132


 0.0000, 0.9726,
0.0000


 0.0000, 0.0000,
0.0000


 51.5734, 73.6594,
54.6795


 51.5734, 73.6594,
54.6795


 46.4118, 71.1693,
46.8122


 57.8218, 76.6943,
63.4829

 42.2650, 69.1815,
39.8446

 65.2115, 80.2953,
73.2471

 39.0613, 67.6617,
33.7452

 73.8002, 84.4938,
84.0023

 36.7164, 66.5669,
28.4785

 83.6398, 89.3159,
95.7756

■ 35.1292, 65.8460,
24.0065

■ 91.6421, 93.1842,
107.7640

■ 34.3009, 65.4837,
21.0462

Harmonies

Analogous

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



58.1663, 73.6594, 37.3485



51.5734, 73.6594, 54.6795



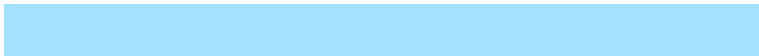
49.7123, 73.6594, 84.4294

Triad

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



51.5734, 73.6594, 54.6795



71.4718, 73.6594, 164.1512



90.6557, 73.6594, 49.2925

Complementary

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



51.5734, 73.6594, 54.6795



57.8550, 42.6922, 62.9515

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.



95.1969, 73.6594, 76.1192



51.5734, 73.6594, 54.6795



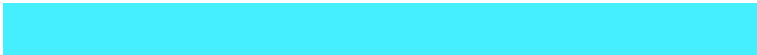
83.3636, 73.6594, 147.3950

Square

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



51.5734, 73.6594, 54.6795



60.4153, 73.6594, 153.7168



92.3900, 73.6594, 112.6405



80.5726, 73.6594, 34.9076

Rectangle

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



51.5734, 73.6594, 54.6795



51.2093, 73.6594, 109.2295



92.3900, 73.6594, 112.6405



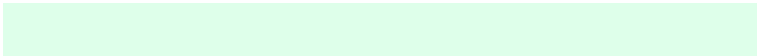
92.9293, 73.6594, 56.8357

Sweetspot

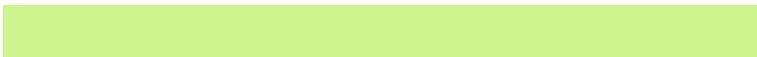
The Sweet Spot groups the original color and five complimentary colors.



51.5754, 73.6624, 54.6812



80.7474, 92.9896, 91.8378



62.6794, 79.7831, 37.2962



16.8139, 19.6740, 19.0779



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.



51.5754, 73.6624, 54.6812



51.8688, 78.9397, 52.6454



57.6579, 76.0955, 86.7116



16.5418, 18.5759, 18.8714



18.7113, 35.6294, 11.7655



1.6929, 3.1508, 1.2885

Inverse Universe

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



57.8550, 42.6922, 62.9515



59.6786, 40.3591, 62.8836



52.7292, 40.6419, 35.9596



16.9321, 16.6557, 19.3890



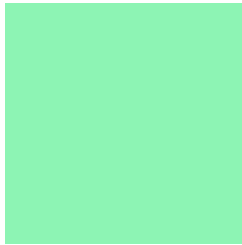
23.4192, 11.7111, 17.4479



2.1082, 1.0492, 1.7962

Previews

White Background



This preview shows how the XYZ color 51.5734, 73.6594, 54.6795 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 51.5734, 73.6594, 54.6795 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 51.5734, 73.6594, 54.6795

Background



This preview shows how black text looks on a background with the XYZ color 51.5734, 73.6594, 54.6795.



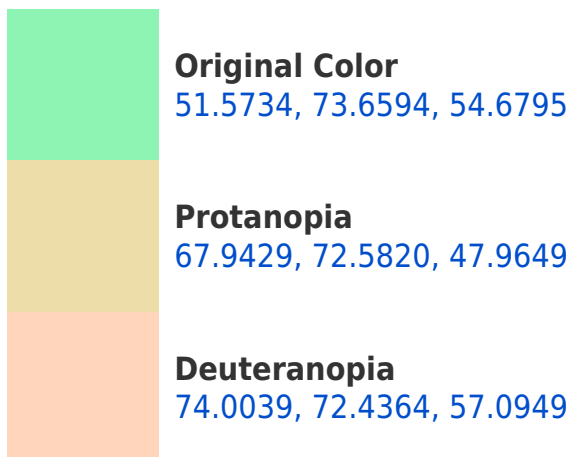
This preview shows how white text looks on a background with the XYZ color 51.5734, 73.6594,

54.6795.

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

61.2530, 73.2066, 103.8304

Trichromacy



Original Color

51.5734, 73.6594, 54.6795



Protanomaly

59.9193, 71.6123, 50.1996



Deuteranomaly

63.0389, 71.0681, 55.7424



Tritanomaly

57.2509, 73.3155, 83.0854

Monochromacy



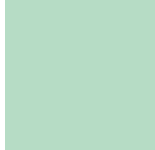
Original Color

51.5734, 73.6594, 54.6795



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

54.9626, 65.1627, 62.5041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5734, 73.6594, 54.6795 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(141, 244, 180)` looks like.

```
.text, #text, p{  
    color:rgb(141, 244, 180)  
}
```

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(141, 244, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 244, 180) }
```

Border

The CSS property to change the border of an element to XYZ 51.5734, 73.6594, 54.6795 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(141, 244, 180) }
```


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

```
.border{ border-color:rgb(141, 244, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 244, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 244, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 244, 180);  
box-shadow:4px 4px 4px 4px rgb(141, 244,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5734, 73.6594, 54.6795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 244, 180) }
```

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

```
.background{ background-color: rgb(141,  
244, 180) }
```

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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