

Converting Colors

XYZ(54.3176, 74.2120, 58.4547)

Have a look what the booklet for
XYZ(54.3176, 74.2120, 58.4547)
contains.

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Color

**XYZ(54.2393, 74.0607,
58.4501)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9BF2BB |
| RGB | 155, 242, 187 |
| RGB Percent | 61%, 95%, 73% |
| CMY | 0.3922, 0.0510, 0.2667 |
| CMYK | 0.36, 0.00, 0.23, 0.05 |
| HSL | 142°, 77%, 78% |
| HSV | 142°, 36%, 95% |
| XYZ | 54.2393, 74.0607, 58.4501 |
| YIQ | 209.7170, -34.1970, -35.5490 |

Conversions

Conversions Part 2

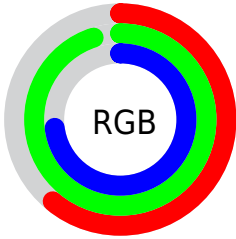
| Format | Color |
|-------------------------------------|--|
| RYB | 155, 219, 242 |
| Decimal | 10220219 |
| CIELab | 88.95, -37.65, 18.41 |
| CIElCh | 89, 41.907, 153.947 |
| Yxy | 74.0607, 0.2904, 0.3966 |
| Android (android.graphics.Color) | 4288410299 (0xFF9BF2BB) |
| YUV | 209.7170, -11.1995, -47.9868 |
| Hunter-Lab | 86.0585, -38.1009, 19.9718 |

Details

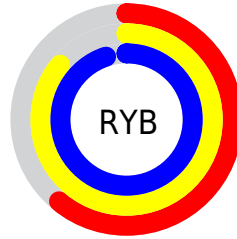
The XYZ color **54.2393, 74.0607, 58.4501** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **59.9746, 46.9747, 66.8816**, and the grayscale version is **61.1617, 64.3469, 70.0737**.

A 20% lighter version of the original color is **79.0890, 91.9881, 98.3811**, and **26.9076, 39.1285, 28.6886** is the 20% darker color. If you saturate the color by 10%, you get **48.5007, 71.2837, 50.0830**, and if you desaturate by 10%, it is **61.0871, 77.3935, 67.7832**.

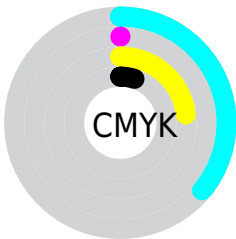
Distribution



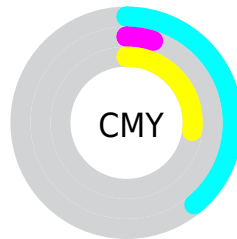
- Red (61%)
- Green (95%)
- Blue (73%)



- Red (61%)
- Yellow (86%)
- Blue (95%)



- Cyan (36%)
- Magenta (0%)
- Yellow (23%)
- Black (5%)





- Cyan (39%)
- Magenta (5%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2393, 74.0607, 58.4501 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 54.2393, 74.0607, 58.4501 by changing the saturation by 10% instead.


 54.2393, 74.0607,
58.4501


 54.2393, 74.0607,
58.4501


393.2054,
474.6828, 436.5060

 39.0244, 54.8437,
41.7535


 95.5804, 124.9819,
104.0993

 26.9596, 39.2766,
28.5842


 122.4373,
157.4548, 133.8889

 17.6793, 26.9750,
18.5236


153.9055,
195.1152, 168.8800

 10.8183, 17.5544,
11.1533

190.3506,
238.3475, 209.4911

 6.0112, 10.6306,
6.0546

232.1377,
287.5360, 256.1407

 2.8926, 5.8190,
2.8090


279.6323,

 1.0972, 2.7353,


343.0651, 309.2474


0.9979


333.1998,
405.3193, 369.2296


 0.0228, 0.9952,
0.0000


 0.0000, 0.0000,
0.0000


 54.2393, 74.0607,
58.4501


 54.2393, 74.0607,
58.4501


 48.5007, 71.2837,
50.0830


 61.0871, 77.3935,
67.7832


 43.8040, 69.0222,
42.6458

 69.0946, 81.3013,
78.1071

 40.0836, 67.2451,
36.1069

 78.3164, 85.8137,
89.4520

 37.2634, 65.9140,
30.4313

 88.8015, 90.9556,
101.8451

■ 35.2553, 64.9840,
25.5815

■ 91.0436, 91.9871,
107.5645

■ 33.9511, 64.4003,
21.5167

■ 33.5572, 64.2286,
20.0824

Harmonies

Analogous

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



60.0233, 74.0607, 42.5191



54.2393, 74.0607, 58.4501



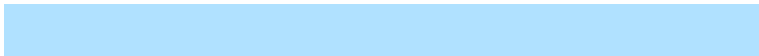
52.6238, 74.0607, 84.5577

Triad

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



54.2393, 74.0607, 58.4501



71.7476, 74.0607, 150.4431



87.9004, 74.0607, 53.2244

Complementary

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



54.2393, 74.0607, 58.4501



59.9746, 46.9747, 66.8816

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.



91.7686, 74.0607, 76.8443



54.2393, 74.0607, 58.4501



81.8919, 74.0607, 136.6188

Square

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



54.2393, 74.0607, 58.4501



62.1451, 74.0607, 142.1729



89.4711, 74.0607, 107.8350



79.3391, 74.0607, 40.0516

Rectangle

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



54.2393, 74.0607, 58.4501



53.9842, 74.0607, 105.5851



89.4711, 74.0607, 107.8350



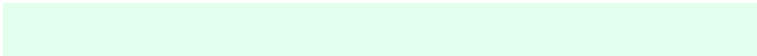
89.8282, 74.0607, 59.9693

Sweetspot

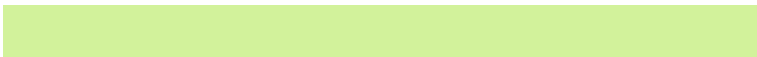
The Sweet Spot groups the original color and five complimentary colors.



54.2413, 74.0638, 58.4518



82.7479, 93.9728, 94.1027



64.2779, 79.5906, 42.9858



17.4124, 19.9677, 19.7726



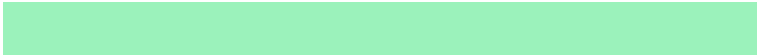
0.0000, 0.0000, 0.0000



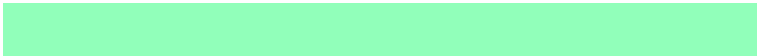
20.3446, 21.4041, 23.3091

Same Dimension

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



54.2413, 74.0638, 58.4518



56.3278, 81.1032, 58.9620



59.6112, 76.2117, 86.7295



15.8062, 17.7525, 18.0026



18.0866, 34.5267, 11.1049



1.5510, 2.8908, 1.1680

Inverse Universe

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



59.9746, 46.9747, 66.8816



63.6423, 46.5073, 69.6903



55.2795, 45.0966, 42.1576



16.1933, 15.9270, 18.5740



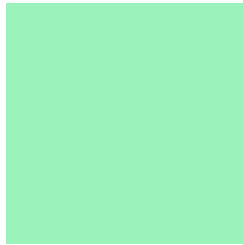
22.8280, 11.4036, 17.5425



1.9468, 0.9678, 1.7108

Previews

White Background



This preview shows how the XYZ color 54.2393, 74.0607, 58.4501 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 54.2393, 74.0607, 58.4501 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

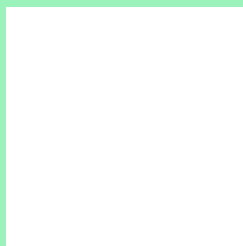
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2393, 74.0607, 58.4501

Background



This preview shows how black text looks on a background with the XYZ color 54.2393, 74.0607, 58.4501.



This preview shows how white text looks on a background with the XYZ color 54.2393, 74.0607,

58.4501.

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

54.2393, 74.0607, 58.4501

Protanopia

68.6492, 73.2497, 52.1154

Deuteranopia

74.5453, 73.0142, 60.6163



Tritanopia

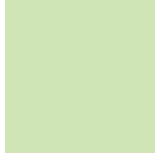
63.0718, 73.7411, 103.0047

Trichromacy



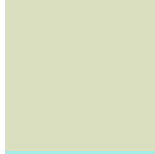
Original Color

54.2393, 74.0607, 58.4501



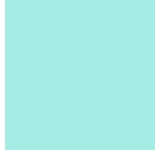
Protanomaly

62.0919, 72.6402, 54.4644



Deuteranomaly

64.9731, 71.9783, 59.7590



Tritanomaly

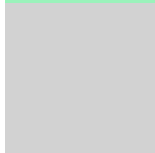
59.3089, 73.4849, 84.4569

Monochromacy



Original Color

54.2393, 74.0607, 58.4501



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

58.0172, 67.4540, 65.8392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2393, 74.0607, 58.4501 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(155, 242, 187)` looks like.

```
.text, #text, p{  
    color:rgb(155, 242, 187)  
}
```

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(155, 242, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 242, 187) }
```

Border

The CSS property to change the border of an element to XYZ 54.2393, 74.0607, 58.4501 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(155, 242, 187) }
```


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

```
.border{ border-color:rgb(155, 242, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 242, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 242, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 242, 187); box-shadow:4px 4px 4px 4px rgb(155, 242, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2393, 74.0607, 58.4501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 242, 187) }
```

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

```
.background{ background-color: rgb(155,  
242, 187) }
```

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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