

Converting Colors

XYZ(54.7209, 74.6142, 65.5694)

Have a look what the booklet for
XYZ(54.7209, 74.6142, 65.5694)
contains.

XYZ(54.7538, 74.6143, 65.5490)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.7538, 74.6143,
65.5490)**

Conversions

Conversions Part 1

Format	Color
Hex	95F3C7
RGB	149, 243, 199
RGB Percent	58%, 95%, 78%
CMY	0.4157, 0.0470, 0.2196
CMYK	0.39, 0.00, 0.18, 0.05
HSL	152°, 80%, 77%
HSV	152°, 39%, 95%
XYZ	54.7538, 74.6143, 65.5490
YIQ	209.8780, -41.9000, -33.6120

Conversions

Conversions Part 2

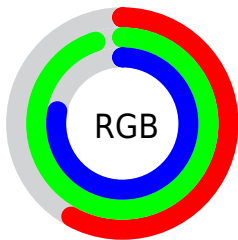
Format	Color
RYB	149, 210, 243
Decimal	9827271
CIELab	89.21, -37.47, 12.53
CIELCh	89, 39.504, 161.515
Yxy	74.6143, 0.2809, 0.3828
Android (android.graphics.Color)	4288017351 (0xFF95F3C7)
YUV	209.8780, -5.3629, -53.3900
Hunter-Lab	86.3796, -38.0177, 15.4736

Details

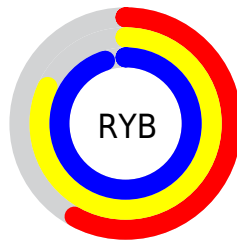
The XYZ color **54.7538, 74.6143, 65.5490** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **57.3377, 44.4016, 56.0032**, and the grayscale version is **61.2339, 64.4228, 70.1565**.

A 20% lighter version of the original color is **79.2636, 91.8618, 108.1612**, and **27.1839, 39.4893, 32.9775** is the 20% darker color. If you saturate the color by 10%, you get **49.5029, 72.0563, 58.6655**, and if you desaturate by 10%, it is **61.0325, 77.6947, 72.9992**.

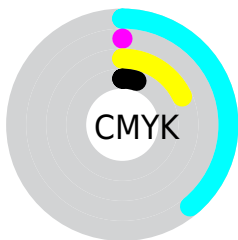
Distribution



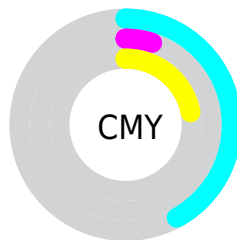
- Red (58%)
- Green (95%)
- Blue (78%)



- Red (58%)
- Yellow (82%)
- Blue (95%)



- Cyan (39%)
- Magenta (0%)
- Yellow (18%)
- Black (5%)





- Cyan (42%)
- Magenta (5%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7538, 74.6143, 65.5490 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 54.7538, 74.6143, 65.5490 by changing the saturation by 10% instead.

 54.7538, 74.6143,
65.5490


 54.7538, 74.6143,
65.5490


395.1296,
476.5908, 463.1223

 39.4377, 55.2970,
47.4522


 96.3306, 125.7662,
114.4596

 27.2827, 39.6395,
33.0364


 123.3219,
158.3696, 146.1105

 17.9233, 27.2576,
21.8830


154.9358,
196.1705, 183.1165

 10.9943, 17.7668,
13.5734

191.5375,
239.5532, 225.8962

 6.1303, 10.7827,
7.6892

233.4923,
288.9023, 274.8681

 2.9659, 5.9209,
3.8118


281.1658,

 1.1357, 2.7970,


344.6019, 330.4507


1.5227


334.9231,
407.0366, 393.0626


 0.0547, 1.0267,
0.2348


 0.0000, 0.0000,
0.0000


 54.7538, 74.6143,
65.5490


 54.7538, 74.6143,
65.5490


 49.5029, 72.0563,
58.6655


 61.0325, 77.6947,
72.9992


 45.2134, 69.9808,
52.3297

 68.3878, 81.3165,
81.0244

 41.8208, 68.3567,
46.5285

 76.8728, 85.5088,
89.6393

 39.2492, 67.1453,
41.2464

 86.5352, 90.2959,
98.8563

■ 37.4093, 66.3007,
36.4667

■ 91.3420, 92.5840,
107.6640

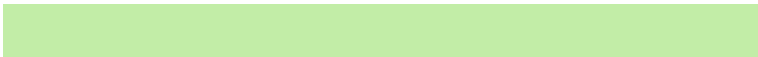
■ 36.1719, 65.7566,
32.1704

■ 36.0313, 65.6957,
31.6390

Harmonies

Analogous

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



59.3301, 74.6143, 47.6273



54.7538, 74.6143, 65.5490



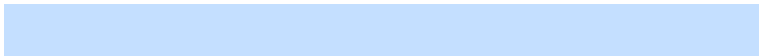
54.2645, 74.6143, 92.3053

Triad

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



54.7538, 74.6143, 65.5490



74.6831, 74.6143, 145.1394



85.7208, 74.6143, 50.8953

Complementary

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



54.7538, 74.6143, 65.5490



57.3377, 44.4016, 56.0032

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.



90.6730, 74.6143, 71.1005



54.7538, 74.6143, 65.5490



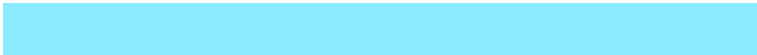
83.9257, 74.6143, 127.8189

Square

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



54.7538, 74.6143, 65.5490



65.2034, 74.6143, 142.6943



89.9878, 74.6143, 99.2595



76.9585, 74.6143, 40.5843

Rectangle

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



54.7538, 74.6143, 65.5490



56.2633, 74.6143, 112.2654



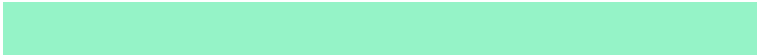
89.9878, 74.6143, 99.2595



87.9206, 74.6143, 56.5359

Sweetspot

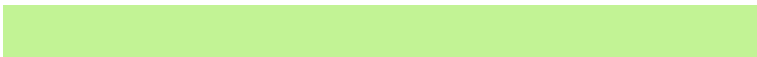
The Sweet Spot groups the original color and five complimentary colors.



54.7558, 74.6173, 65.5507



82.4534, 93.7628, 96.7179



59.8374, 77.8012, 40.2980



17.3795, 19.9362, 20.4303



0.0000, 0.0000, 0.0000



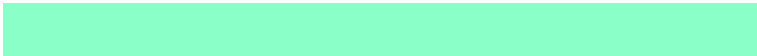
20.3446, 21.4041, 23.3091

Same Dimension

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



54.7558, 74.6173, 65.5507



56.6277, 81.0721, 67.3637



60.1583, 76.0313, 96.3025



16.6506, 18.6194, 19.4445



19.8433, 36.0821, 17.7263



1.7959, 3.1920, 1.8314

Inverse Universe

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



57.3377, 44.4016, 56.0032



59.8675, 43.1838, 55.4032



53.3861, 43.2202, 33.9632



16.8220, 16.6116, 18.8091



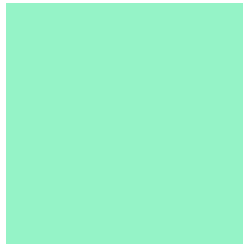
22.0121, 11.1483, 10.0379



1.9861, 1.0004, 1.1531

Previews

White Background



This preview shows how the XYZ color 54.7538, 74.6143, 65.5490 looks on a white background.

Color Contrast Check

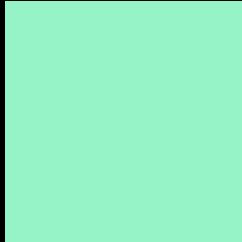
Large Text (above 18pt) WCAG AA × Fail

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 54.7538, 74.6143, 65.5490 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 54.7538, 74.6143, 65.5490

Background



This preview shows how black text looks on a background with the XYZ color 54.7538, 74.6143, 65.5490.



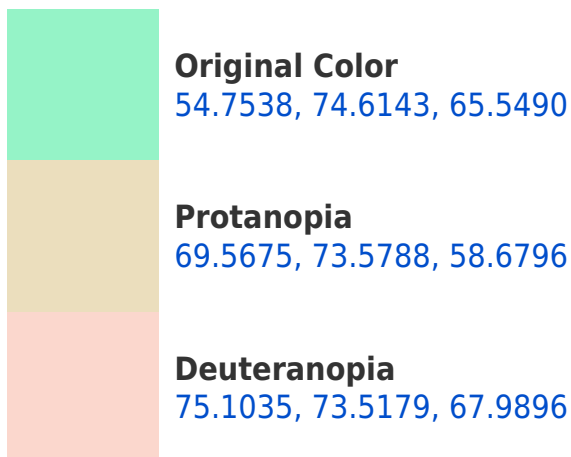
This preview shows how white text looks on a background with the XYZ color 54.7538, 74.6143,

65.5490.

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

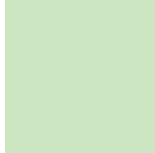
62.4980, 74.2538, 104.8044

Trichromacy



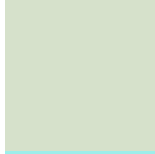
Original Color

54.7538, 74.6143, 65.5490



Protanomaly

62.8243, 73.2813, 61.2856



Deuteranomaly

65.4363, 72.4584, 67.0369



Tritanomaly

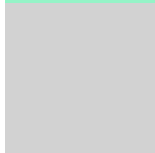
59.3304, 74.2577, 89.0480

Monochromacy



Original Color

54.7538, 74.6143, 65.5490



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

58.0009, 67.3901, 68.3431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7538, 74.6143, 65.5490 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(149, 243, 199)` looks like.

```
.text, #text, p{  
    color:rgb(149, 243, 199)  
}
```

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(149, 243, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 243, 199) }
```

Border

The CSS property to change the border of an element to XYZ 54.7538, 74.6143, 65.5490 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(149, 243, 199) }
```


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

```
.border{ border-color:rgb(149, 243, 199) }
```

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

Here you see how a box with a 4 pixel rgb(149, 243, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 243, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 243, 199);  
box-shadow:4px 4px 4px 4px rgb(149, 243,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7538, 74.6143, 65.5490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 243, 199) }
```

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

```
.background{ background-color: rgb(149,  
243, 199) }
```

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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