

Converting Colors

XYZ(54.4850, 73.9289, 75.1520)

Have a look what the booklet for
XYZ(54.4850, 73.9289, 75.1520)
contains.

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Color

**XYZ(54.3710, 73.7626,
74.9903)**

Conversions

Conversions Part 1

Format	Color
Hex	8AF2D6
RGB	138, 242, 214
RGB Percent	54%, 95%, 84%
CMY	0.4588, 0.0510, 0.1608
CMYK	0.43, 0.00, 0.12, 0.05
HSL	164°, 80%, 75%
HSV	164°, 43%, 95%
XYZ	54.3710, 73.7626, 74.9903
YIQ	207.7120, -52.9960, -30.7560

Conversions

Conversions Part 2

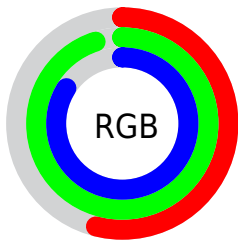
Format	Color
R_{YB}	138, 198, 242
Decimal	9106134
CIE _{Lab}	88.81, -36.71, 4.09
CIE _{LCh}	89, 36.933, 173.650
Yxy	73.7626, 0.2677, 0.3631
Android (android.graphics.Color)	4287296214 (0xFF8AF2D6)
YUV	207.7120, 3.1000, -61.1374
Hunter-Lab	85.8852, -37.2967, 8.3508

Details

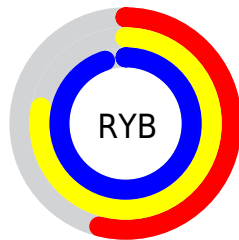
The XYZ color **54.3710, 73.7626, 74.9903** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **52.5919, 39.8094, 40.9914**, and the grayscale version is **59.7746, 62.8876, 68.4846**.

A 20% lighter version of the original color is **76.5750, 90.4758, 108.0354**, and **26.9152, 38.9066, 38.8920** is the 20% darker color. If you saturate the color by 10%, you get **49.9893, 71.5999, 70.5288**, and if you desaturate by 10%, it is **59.6822, 76.4044, 79.6723**.

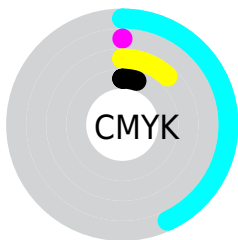
Distribution



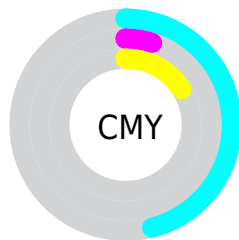
- Red (54%)
- Green (95%)
- Blue (84%)



- Red (54%)
- Yellow (78%)
- Blue (95%)



- Cyan (43%)
- Magenta (0%)
- Yellow (12%)
- Black (5%)



- Cyan (46%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3710, 73.7626, 74.9903 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 54.3710, 73.7626, 74.9903 by changing the saturation by 10% instead.

54.3710, 73.7626,
74.9903

54.3710, 73.7626,
74.9903

393.6985,
473.6536, 497.1388

39.1302, 54.5998,
55.1033

95.7725, 124.5592,
128.0456

27.0422, 39.0814,
39.0852

122.6638,
156.9618, 162.0509

17.7417, 26.8230,
26.5177

154.1695,
194.5464, 201.5995

10.8632, 17.4404,
16.9821

190.6547,
237.6974, 247.1097

6.0416, 10.5490,
10.0599

232.4848,
286.7992, 299.0002

2.9113, 5.7644,
5.3326

280.0252,

1.1070, 2.7024,

342.2363, 357.6896

2.3816

333.6414,
404.3930, 423.5962

■ 0.0310, 0.9784,
0.7764

■ 0.0000, 0.0000,
0.0000

■ 54.3710, 73.7626,
74.9903

■ 54.3710, 73.7626,
74.9903

■ 49.9893, 71.5999,
70.5288

■ 59.6822, 76.4044,
79.6723

■ 46.4704, 69.8763,
66.2780


■ 65.9713, 79.5446,
84.5742


■ 43.7488, 68.5599,
62.2341


■ 73.2910, 83.2121,
89.7020


■ 41.7463, 67.6106,
58.3917


■ 81.6881, 87.4311,
95.0599

 40.3685, 66.9796,
54.7440

 89.7175, 91.4565,
100.5821

 39.6737, 66.6750,
52.2921

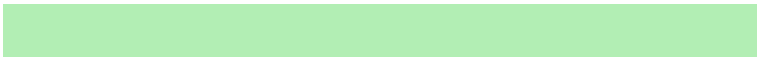
 90.7387, 91.8649,
105.9597

 91.0434, 91.9868,
107.5645

Harmonies

Analogous

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



57.1524, 73.7626, 54.5200



54.3710, 73.7626, 74.9903



55.5087, 73.7626, 101.7324

Triad

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



54.3710, 73.7626, 74.9903



77.2352, 73.7626, 134.3949



80.8025, 73.7626, 46.8240

Complementary

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



54.3710, 73.7626, 74.9903



52.5919, 39.8094, 40.9914

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.



87.0685, 73.7626, 62.1364



54.3710, 73.7626, 74.9903



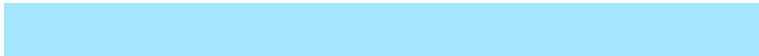
84.8896, 73.7626, 113.1814

Square

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



54.3710, 73.7626, 74.9903



68.2244, 73.7626, 139.8709



88.6242, 73.7626, 85.8858



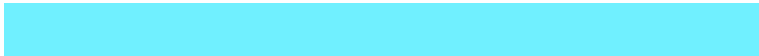
72.0283, 73.7626, 40.6414

Rectangle

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



54.3710, 73.7626, 74.9903



58.3891, 73.7626, 119.3258



88.6242, 73.7626, 85.8858



83.3011, 73.7626, 50.8942

Sweetspot

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



54.3731, 73.7656, 74.9920



82.4842, 93.6843, 100.9841



52.3770, 73.6087, 35.4934



17.2428, 19.8455, 21.3365



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.



54.3731, 73.7656, 74.9920



56.6681, 80.8170, 79.8356



51.9640, 62.7237, 93.3759



16.0551, 17.8521, 19.3132



21.3721, 35.8409, 28.4063



1.8192, 2.9981, 2.5802

Inverse Universe

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



52.5919, 39.8094, 40.9914



54.4292, 37.7497, 36.8119



53.8713, 46.0413, 30.0936



15.9476, 15.8287, 17.2802



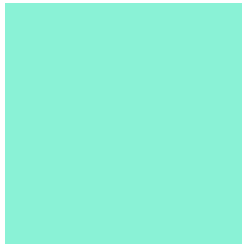
20.2351, 10.3665, 3.8885



1.7235, 0.8784, 0.5346

Previews

White Background



This preview shows how the XYZ color 54.3710, 73.7626, 74.9903 looks on a white background.

Color Contrast Check

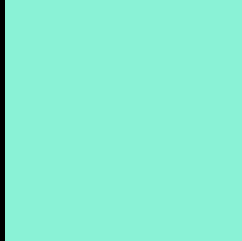
Large Text (above 18pt) WCAG AA × Fail

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 54.3710, 73.7626, 74.9903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

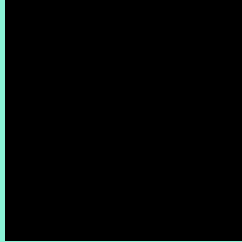
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3710, 73.7626, 74.9903

Background



This preview shows how black text looks on a background with the XYZ color 54.3710, 73.7626, 74.9903.

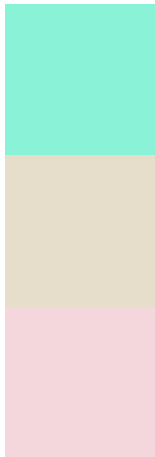


This preview shows how white text looks on a background with the XYZ color 54.3710, 73.7626,

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

54.3710, 73.7626, 74.9903

Protanopia

69.2691, 72.8477, 66.9101

Deuteranopia

74.5269, 73.0013, 77.8728



Tritanopia

60.4399, 73.6005, 105.6285

Trichromacy



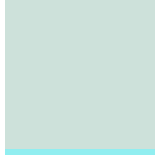
Original Color

54.3710, 73.7626, 74.9903



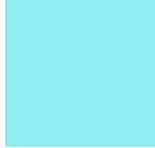
Protanomaly

62.3078, 72.4139, 69.7248



Deuteranomaly

64.7569, 71.8915, 76.7931



Tritanomaly

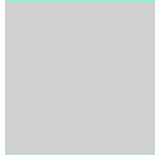
57.9798, 73.4601, 93.5614

Monochromacy



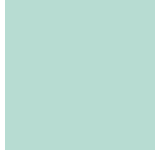
Original Color

54.3710, 73.7626, 74.9903



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

56.7545, 65.9068, 70.7028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3710, 73.7626, 74.9903 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(138, 242, 214)` looks like.

```
.text, #text, p{  
    color:rgb(138, 242, 214)  
}
```

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(138, 242, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 242, 214) }
```

Border

The CSS property to change the border of an element to XYZ 54.3710, 73.7626, 74.9903 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(138, 242, 214) }
```


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

```
.border{ border-color:rgb(138, 242, 214) }
```

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

Here you see how a box with a 4 pixel rgb(138, 242, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 242, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 242, 214);  
box-shadow:4px 4px 4px 4px rgb(138, 242,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3710, 73.7626, 74.9903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 242, 214) }
```

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

```
.background{ background-color: rgb(138,  
242, 214) }
```

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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