

Converting Colors

XYZ(58.4597, 81.8670, 74.2062)

Have a look what the booklet for
XYZ(58.4597, 81.8670, 74.2062)
contains.

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Color

**XYZ(58.5024, 81.8859,
74.3502)**

Conversions

Conversions Part 1

Format	Color
Hex	8DFFD3
RGB	141, 255, 211
RGB Percent	55%, 100%, 83%
CMY	0.4470, 0.0000, 0.1725
CMYK	0.45, 0.00, 0.17, 0.00
HSL	157°, 100%, 78%
HSV	157°, 45%, 100%
XYZ	58.5024, 81.8859, 74.3502
YIQ	215.8980, -53.8200, -37.8520

Conversions

Conversions Part 2

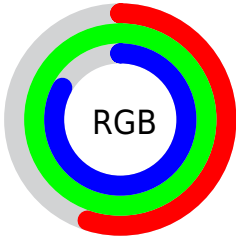
Format	Color
RYB	141, 212, 255
Decimal	9306067
CIELab	92.52, -42.46, 10.99
CIELCh	93, 43.859, 165.484
Yxy	81.8859, 0.2724, 0.3813
Android (android.graphics.Color)	4287496147 (0xFF8DFFD3)
YUV	215.8980, -2.4147, -65.6855
Hunter-Lab	90.4908, -42.9585, 14.6290

Details

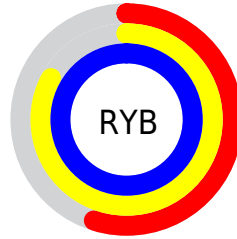
The XYZ color **58.5024, 81.8859, 74.3502** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **59.5224, 43.8135, 51.2192**, and the grayscale version is **65.2430, 68.6407, 74.7497**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **29.6745, 44.5823, 38.4937** is the 20% darker color. If you saturate the color by 10%, you get **53.4581, 79.4236, 67.8700**, and if you desaturate by 10%, it is **64.6219, 84.8936, 81.2779**.

Distribution



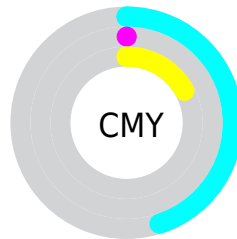
- Red (55%)
- Green (100%)
- Blue (83%)



- Red (55%)
- Yellow (83%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (45%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5024, 81.8859, 74.3502 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 58.5024, 81.8859, 74.3502 by changing the saturation by 10% instead.


 58.5024, 81.8859,
74.3502


 58.5024, 81.8859,
74.3502


408.9791,
501.2660, 494.8768

 42.4575, 61.2715,
54.5822


 101.7729,
136.0140, 127.1307

 29.6524, 44.4443,
38.6710


 129.7292,
170.2964, 160.9803

 19.7216, 31.0200,
26.1980


162.3866,
209.9037, 200.3609

 12.2999, 20.6140,
16.7447

200.1107,
255.2202, 245.6910

 7.0219, 12.8422,
9.8926

243.2666,
306.6302, 297.3890

 3.5223, 7.3200,
5.2232

292.2197,

 1.4356, 3.6630,

364.5183, 355.8737

2.3178

347.3354,
429.2687, 421.5634

■ 0.2814, 1.4869,
0.7411

■ 0.0000, 0.2795,
0.0000

■ 58.5024, 81.8859,
74.3502

■ 58.5024, 81.8859,
74.3502

■ 53.4581, 79.4236,
67.8700

■ 64.6219, 84.8936,
81.2779

■ 49.4158, 77.4694,
61.8227

■ 71.8785, 88.4787,
88.6586

■ 46.2967, 75.9827,
56.1988

■ 80.3318, 92.6716,
96.5033

■ 44.0081, 74.9159,
50.9867

■ 90.0366, 97.5006,
104.8208

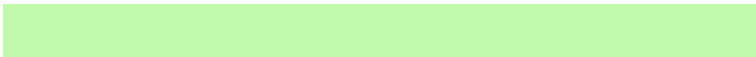
■ 42.4366, 74.2107, 95.0500, 100.0000,
46.1733 108.9000

■ 41.8101, 73.9400,
43.7793

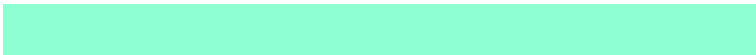
Harmonies

Analogous

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



63.2403, 81.8859, 52.0308



58.5024, 81.8859, 74.3502



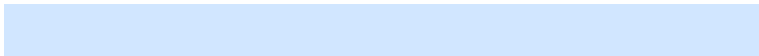
58.5816, 81.8859, 106.9675

Triad

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



58.5024, 81.8859, 74.3502



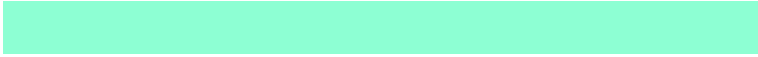
83.8221, 81.8859, 164.2574



94.2097, 81.8859, 51.5093

Complementary

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



58.5024, 81.8859, 74.3502



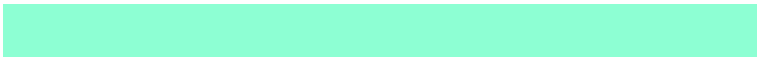
59.5224, 43.8135, 51.2192

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.



100.8911, 81.8859, 73.4471



58.5024, 81.8859, 74.3502



94.5072, 81.8859, 140.7366

Square

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



58.5024, 81.8859, 74.3502



72.4709, 81.8859, 164.6699



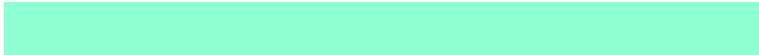
101.0050, 81.8859, 105.8160



83.4472, 81.8859, 41.1954

Rectangle

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



58.5024, 81.8859, 74.3502



61.3303, 81.8859, 130.7305



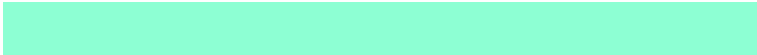
101.0050, 81.8859, 105.8160



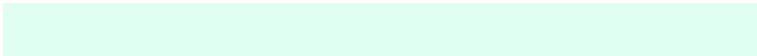
97.0518, 81.8859, 57.4930

Sweetspot

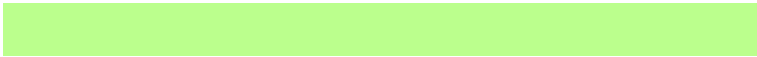
The Sweet Spot groups the original color and five complimentary colors.



58.5032, 81.8863, 74.3516



81.8962, 93.4491, 97.8874



60.9642, 83.9578, 38.1929



17.0971, 19.7872, 20.5689



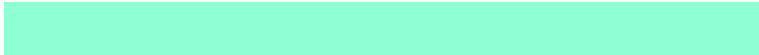
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



58.5032, 81.8863, 74.3516



53.7798, 79.5801, 68.3123



61.2656, 77.3441, 106.3076



18.2404, 20.3557, 21.5687



21.9219, 38.6654, 23.2720



2.1879, 3.7861, 2.5476

Inverse Universe

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



59.5224, 43.8135, 51.2192



54.9343, 36.9718, 42.4929



57.3417, 45.7706, 31.0129



18.2995, 18.1031, 20.1945



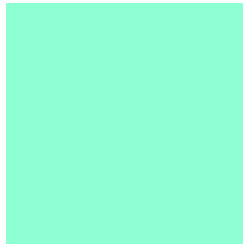
22.7786, 11.6007, 7.4844



2.2694, 1.1501, 0.9999

Previews

White Background



This preview shows how the XYZ color 58.5024, 81.8859, 74.3502 looks on a white background.

Color Contrast Check

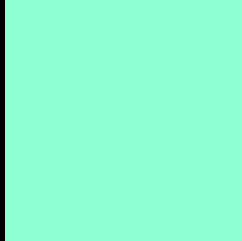
Large Text (above 18pt) WCAG AA × Fail

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 58.5024, 81.8859, 74.3502 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 58.5024, 81.8859, 74.3502

Background



This preview shows how black text looks on a background with the XYZ color 58.5024, 81.8859, 74.3502.

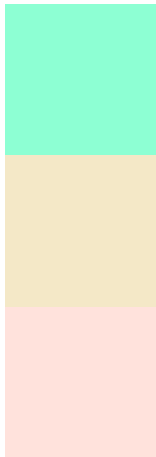


This preview shows how white text looks on a background with the XYZ color 58.5024, 81.8859,

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

58.5024, 81.8859, 74.3502

Protanopia

76.4736, 81.0698, 65.6503

Deuteranopia

81.3546, 80.8200, 79.0221



Tritanopia

70.5412, 81.4156, 106.6046

Trichromacy



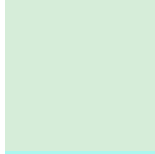
Original Color

58.5024, 81.8859, 74.3502



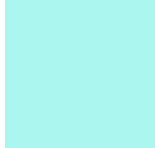
Protanomaly

67.6717, 79.8974, 68.3550



Deuteranomaly

70.5401, 79.8743, 77.3451



Tritanomaly

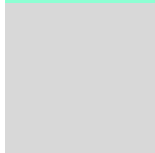
65.6353, 81.4115, 93.9160

Monochromacy



Original Color

58.5024, 81.8859, 74.3502



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

61.4207, 72.2675, 74.3301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5024, 81.8859, 74.3502 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, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(141, 255, 211)  
}
```

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, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 255, 211) }
```

Border

The CSS property to change the border of an element to XYZ 58.5024, 81.8859, 74.3502 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, 255, 211) }
```


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

```
.border{ border-color:rgb(141, 255, 211) }
```

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

Here you see how a box with a 4 pixel rgb(141, 255, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(141, 255,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5024, 81.8859, 74.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 255, 211) }
```

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

```
.background{ background-color: rgb(141,  
255, 211) }
```

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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