

Converting Colors

XYZ(58.2515, 81.7274, 75.6556)

Have a look what the booklet for
XYZ(58.2515, 81.7274, 75.6556)
contains.

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Color

**XYZ(58.2515, 81.7274,
75.6556)**

Conversions

Conversions Part 1

Format	Color
Hex	8AFFD5
RGB	138, 255, 213
RGB Percent	54%, 100%, 84%
CMY	0.4588, 0.0000, 0.1647
CMYK	0.46, 0.00, 0.16, 0.00
HSL	158°, 100%, 77%
HSV	158°, 46%, 100%
XYZ	58.2515, 81.7274, 75.6556
YIQ	215.2290, -56.2500, -37.8660

Conversions

Conversions Part 2

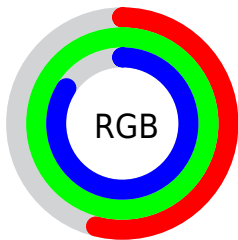
Format	Color
RYB	138, 209, 255
Decimal	9109461
CIELab	92.45, -42.77, 9.85
CIELCh	92, 43.885, 167.033
Yxy	81.7274, 0.2701, 0.3790
Android (android.graphics.Color)	4287299541 (0xFF8AFFD5)
YUV	215.2290, -1.0989, -67.7298
Hunter-Lab	90.4032, -43.1888, 13.6643

Details

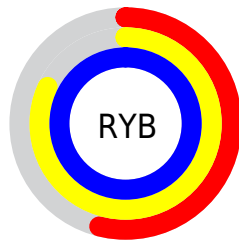
The XYZ color **58.2515, 81.7274, 75.6556** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **58.5673, 42.7333, 48.3422**, and the grayscale version is **64.7810, 68.1547, 74.2205**.

A 20% lighter version of the original color is **76.8360, 90.6103, 108.0476**, and **29.5075, 44.4765, 39.3774** is the 20% darker color. If you saturate the color by 10%, you get **53.3872, 79.3502, 69.5338**, and if you desaturate by 10%, it is **64.1732, 84.6421, 82.1720**.

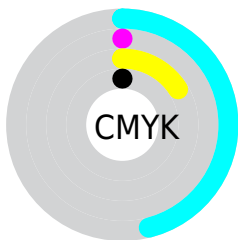
Distribution



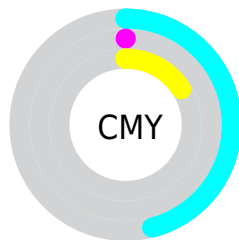
- Red (54%)
- Green (100%)
- Blue (84%)



- Red (54%)
- Yellow (82%)
- Blue (100%)



- Cyan (46%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (46%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2515, 81.7274, 75.6556 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 58.2515, 81.7274, 75.6556 by changing the saturation by 10% instead.


 58.2515, 81.7274,
75.6556


 58.2515, 81.7274,
75.6556


408.0612,
500.7354, 499.4834

 42.2549, 61.1409,
55.6452


 101.4099,
135.7917, 128.9956

 29.4929, 44.3389,
39.5164


 129.3024,
170.0382, 163.1622

 19.6002, 30.9370,
26.8508

161.8909,
209.6068, 202.8847

 12.2113, 20.5509,
17.2298

199.5408,
254.8819, 248.5815

 6.9610, 12.7961,
10.2347

242.6174,
306.2479, 300.6713

 3.4838, 7.2883,
5.4472

291.4861,

 1.4145, 3.6430,

364.0893, 359.5725

2.4487

346.5123,
428.7903, 425.7036

■ 0.2665, 1.4760,
0.8128

■ 0.0000, 0.2717,
0.0000

■ 58.2515, 81.7274,
75.6556

■ 58.2515, 81.7274,
75.6556

■ 53.3872, 79.3502,
69.5338

■ 64.1732, 84.6421,
82.1720

■ 49.5066, 77.4727,
63.7935

■ 71.2147, 88.1263,
89.0873

■ 46.5298, 76.0538,
58.4265

■ 79.4358, 92.2108,
96.4110

■ 44.3625, 75.0451,
53.4226

■ 88.8916, 96.9240,
104.1508

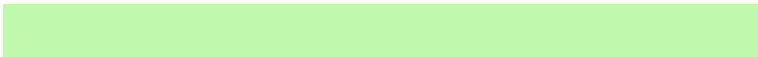
■ 42.8882, 74.3865, 95.0500, 100.0000,
48.7702 108.9000

■ 42.4125, 74.1810,
46.9514

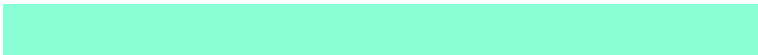
Harmonies

Analogous

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



62.7458, 81.7274, 52.7507



58.2515, 81.7274, 75.6556



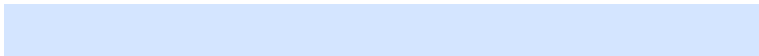
58.5837, 81.7274, 108.6299

Triad

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



58.2515, 81.7274, 75.6556



84.2653, 81.7274, 163.3401



93.5645, 81.7274, 50.5639

Complementary

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



58.2515, 81.7274, 75.6556



58.5673, 42.7333, 48.3422

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.



100.5302, 81.7274, 71.8678



58.2515, 81.7274, 75.6556



94.8123, 81.7274, 138.8854

Square

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



58.2515, 81.7274, 75.6556



72.8731, 81.7274, 165.0707



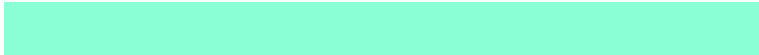
101.0079, 81.7274, 103.7997



82.6926, 81.7274, 40.8310

Rectangle

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



58.2515, 81.7274, 75.6556



61.4916, 81.7274, 132.3062



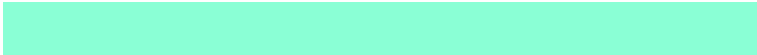
101.0079, 81.7274, 103.7997



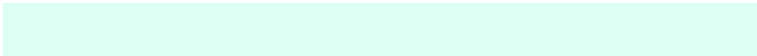
96.4848, 81.7274, 56.3354

Sweetspot

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



58.2523, 81.7278, 75.6570



81.1186, 93.0486, 97.8348



59.3808, 83.1670, 36.9692



16.9503, 19.7109, 20.5914



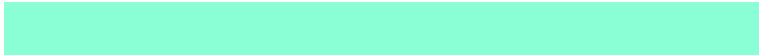
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



58.2523, 81.7278, 75.6570



53.7752, 79.5390, 70.0577



59.5157, 74.5913, 105.8685



18.2619, 20.3643, 21.6819



22.2354, 38.7907, 24.9225



2.2172, 3.7978, 2.7018

Inverse Universe

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



58.5673, 42.7333, 48.3422



54.1425, 36.1846, 39.7734



57.3179, 46.0754, 29.9185



18.2788, 18.0948, 20.0851



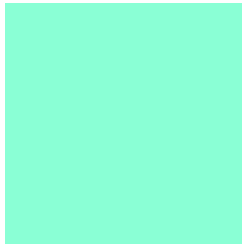
22.6122, 11.5342, 6.6083



2.2516, 1.1430, 0.9065

Previews

White Background



This preview shows how the XYZ color 58.2515, 81.7274, 75.6556 looks on a white background.

Color Contrast Check

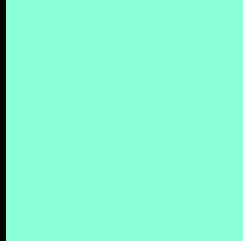
Large Text (above 18pt) WCAG AA × Fail

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 58.2515, 81.7274, 75.6556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

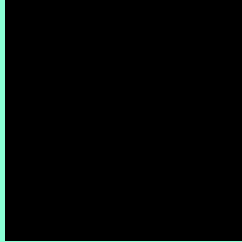
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

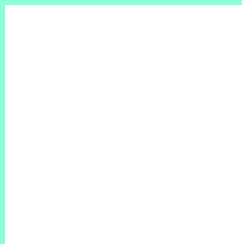
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2515, 81.7274, 75.6556

Background



This preview shows how black text looks on a background with the XYZ color 58.2515, 81.7274, 75.6556.



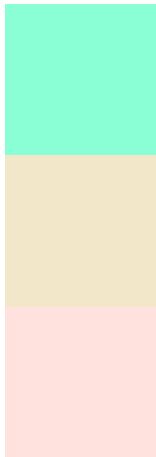
This preview shows how white text looks on a background with the XYZ color 58.2515, 81.7274,

75.6556.

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

58.2515, 81.7274, 75.6556

Protanopia

76.0807, 80.4236, 66.7718

Deuteranopia

81.3500, 80.3844, 80.3354



Tritanopia

70.2956, 81.2891, 106.5931

Trichromacy



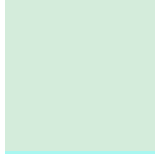
Original Color

58.2515, 81.7274, 75.6556



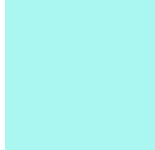
Protanomaly

67.3564, 79.7071, 69.5926



Deuteranomaly

69.9330, 79.1024, 78.6003



Tritanomaly

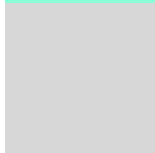
65.3511, 81.2478, 94.6761

Monochromacy



Original Color

58.2515, 81.7274, 75.6556



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

60.9279, 72.0135, 74.3071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2515, 81.7274, 75.6556 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, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(138, 255, 213)  
}
```

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, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 255, 213) }
```

Border

The CSS property to change the border of an element to XYZ 58.2515, 81.7274, 75.6556 is called "border". The border property can be set on classes, ids or directly on the HTML element.

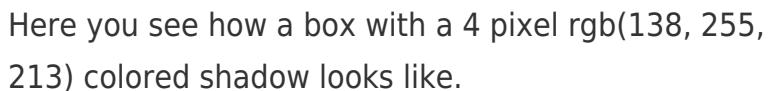
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 255, 213) }
```


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

```
.border{ border-color:rgb(138, 255, 213) }
```

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



Here you see how a box with a 4 pixel rgb(138, 255, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 255, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 255, 213);  
box-shadow:4px 4px 4px 4px rgb(138, 255,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2515, 81.7274, 75.6556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 255, 213) }
```

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

```
.background{ background-color: rgb(138,  
255, 213) }
```

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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