

Converting Colors

XYZ(58.6007, 81.9617, 73.2221)

Have a look what the booklet for
XYZ(58.6007, 81.9617, 73.2221)
contains.

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Color

**XYZ(58.5963, 81.9631,
73.0537)**

Conversions

Conversions Part 1

Format	Color
Hex	8FFFD1
RGB	143, 255, 209
RGB Percent	56%, 100%, 82%
CMY	0.4392, 0.0000, 0.1804
CMYK	0.44, 0.00, 0.18, 0.00
HSL	155°, 100%, 78%
HSV	155°, 44%, 100%
XYZ	58.5963, 81.9631, 73.0537
YIQ	216.2680, -51.9860, -38.0500

Conversions

Conversions Part 2

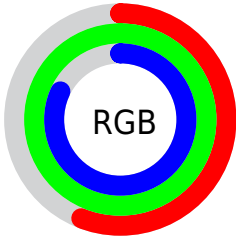
Format	Color
RYB	143, 213, 255
Decimal	9437137
CIELab	92.56, -42.38, 12.08
CIELCh	93, 44.067, 164.088
Yxy	81.9631, 0.2743, 0.3837
Android (android.graphics.Color)	4287627217 (0xFF8FFFD1)
YUV	216.2680, -3.5831, -64.2560
Hunter-Lab	90.5335, -42.9024, 15.5309

Details

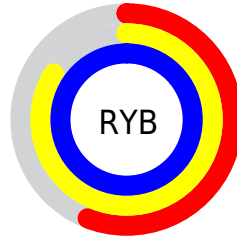
The XYZ color **58.5963, 81.9631, 73.0537** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **60.2483, 44.5799, 53.5739**, and the grayscale version is **65.5020, 68.9132, 75.0464**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **29.8568, 44.6860, 38.0620** is the 20% darker color. If you saturate the color by 10%, you get **53.4181, 79.4385, 66.2643**, and if you desaturate by 10%, it is **64.8646, 85.0397, 80.3418**.

Distribution



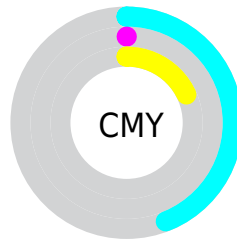
- Red (56%)
- Green (100%)
- Blue (82%)



- Red (56%)
- Yellow (84%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (44%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5963, 81.9631, 73.0537 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 58.5963, 81.9631, 73.0537 by changing the saturation by 10% instead.


 58.5963, 81.9631,
73.0537

 58.5963, 81.9631,
73.0537


409.3224,
501.5243, 490.2767

 42.5333, 61.3351,
53.5278


 101.9087,
136.1223, 125.2751

 29.7121, 44.4957,
37.8337


 129.8888,
170.4222, 158.8076

 19.7671, 31.0604,
25.5528

162.5721,
210.0483, 197.8461

 12.3332, 20.6448,
16.2666

200.3238,
255.3849, 242.8091

 7.0448, 12.8646,
9.5566

243.5093,
306.8164, 294.1151

 3.5367, 7.3354,
5.0043

292.4940,

 1.4435, 3.6727,

364.7272, 352.1826

2.1910

347.6432,
429.5017, 417.4303

0.2869, 1.4922,
0.6692

0.0000, 0.2832,
0.0000

58.5963, 81.9631,
73.0537

58.5963, 81.9631,
73.0537

53.4181, 79.4385,
66.2643

64.8646, 85.0397,
80.3418

49.2571, 77.4287,
59.9578

72.2845, 88.7000,
88.1357

46.0349, 75.8934,
54.1229

80.9158, 92.9745,
96.4476

43.6598, 74.7856,
48.7465

90.8131, 97.8913,
105.2878

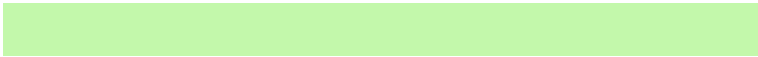
■ 42.0201, 74.0478, 95.0500, 100.0000,
43.8140 108.9000

■ 41.2868, 73.7307,
41.0237

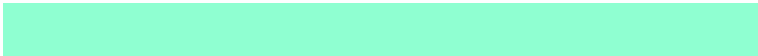
Harmonies

Analogous

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



63.5716, 81.9631, 51.1931



58.5963, 81.9631, 73.0537



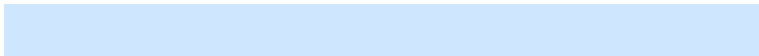
58.4464, 81.9631, 105.4828

Triad

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



58.5963, 81.9631, 73.0537



83.3845, 81.9631, 165.4058



94.8059, 81.9631, 52.1793

Complementary

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



58.5963, 81.9631, 73.0537



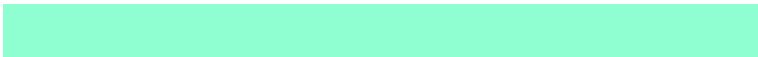
60.2483, 44.5799, 53.5739

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.



101.2604, 81.9631, 74.7635



58.5963, 81.9631, 73.0537



94.2421, 81.9631, 142.6076

Square

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



58.5963, 81.9631, 73.0537



72.0237, 81.9631, 164.6232



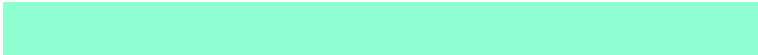
101.0445, 81.9631, 107.6651



84.0949, 81.9631, 41.3145

Rectangle

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



58.5963, 81.9631, 73.0537



61.0603, 81.9631, 129.4386



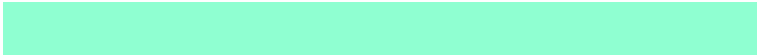
101.0445, 81.9631, 107.6651



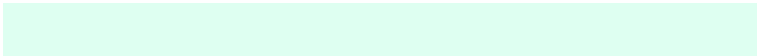
97.5900, 81.9631, 58.3725

Sweetspot

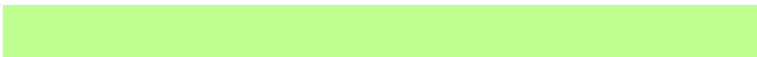
The Sweet Spot groups the original color and five complimentary colors.



58.5971, 81.9634, 73.0551



81.7731, 93.3998, 97.2391



61.8706, 84.4077, 39.0191



17.0666, 19.7751, 20.4085



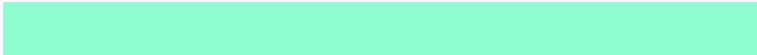
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



58.5971, 81.9634, 73.0551



53.8511, 79.6488, 66.8690



62.2327, 78.7690, 106.5317



18.2207, 20.3478, 21.4653



21.6493, 38.5563, 21.8362



2.1622, 3.7758, 2.4122

Inverse Universe

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



60.2483, 44.5799, 53.5739



55.7114, 37.7661, 45.0948



57.4810, 45.8089, 31.8002



18.3187, 18.1108, 20.2952



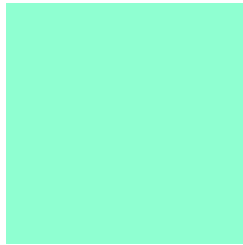
22.9437, 11.6668, 8.3537



2.2866, 1.1570, 1.0908

Previews

White Background



This preview shows how the XYZ color 58.5963, 81.9631, 73.0537 looks on a white background.

Color Contrast Check

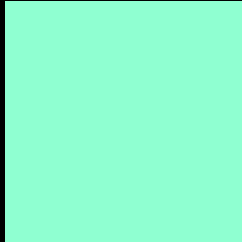
Large Text (above 18pt) WCAG AA × Fail

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 58.5963, 81.9631, 73.0537 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

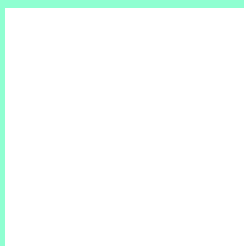
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5963, 81.9631, 73.0537

Background



This preview shows how black text looks on a background with the XYZ color 58.5963, 81.9631, 73.0537.

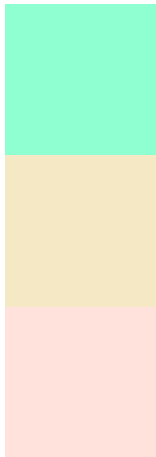


This preview shows how white text looks on a background with the XYZ color 58.5963, 81.9631,

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

58.5963, 81.9631, 73.0537

Protanopia

76.2429, 80.9775, 64.4351

Deuteranopia

81.2225, 80.7672, 78.3266



Tritanopia

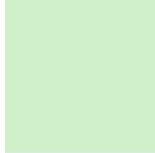
70.7884, 81.5431, 106.6162

Trichromacy



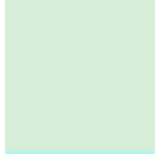
Original Color

58.5963, 81.9631, 73.0537



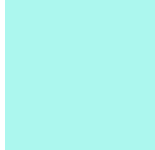
Protanomaly

67.4348, 79.8026, 67.1076



Deuteranomaly

70.2815, 79.7708, 75.9831



Tritanomaly

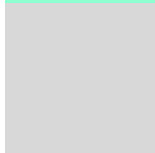
65.7066, 81.4652, 93.1502

Monochromacy



Original Color

58.5963, 81.9631, 73.0537



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

61.2933, 72.2165, 73.6595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5963, 81.9631, 73.0537 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(143, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(143, 255, 209)  
}
```

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(143, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 255, 209) }
```

Border

The CSS property to change the border of an element to XYZ 58.5963, 81.9631, 73.0537 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(143, 255, 209) }
```


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

```
.border{ border-color:rgb(143, 255, 209) }
```

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

Here you see how a box with a 4 pixel rgb(143, 255, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(143, 255,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5963, 81.9631, 73.0537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 255, 209) }
```

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

```
.background{ background-color: rgb(143,  
255, 209) }
```

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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