

Converting Colors

XYZ(58.5726, 81.4865, 73.5858)

Have a look what the booklet for
XYZ(58.5726, 81.4865, 73.5858)
contains.

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Color

**XYZ(58.5763, 81.4661,
73.6100)**

Conversions

Conversions Part 1

Format	Color
Hex	90FED2
RGB	144, 254, 210
RGB Percent	56%, 100%, 82%
CMY	0.4353, 0.0039, 0.1765
CMYK	0.43, 0.00, 0.17, 0.00
HSL	156°, 98%, 78%
HSV	156°, 43%, 100%
XYZ	58.5763, 81.4661, 73.6100
YIQ	216.0940, -51.4360, -37.0040

Conversions

Conversions Part 2

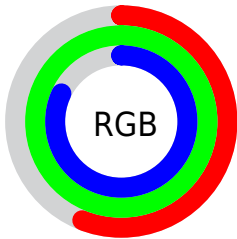
Format	Color
RYB	144, 213, 254
Decimal	9502418
CIELab	92.34, -41.48, 11.26
CIELCh	92, 42.980, 164.813
Yxy	81.4661, 0.2742, 0.3813
Android (android.graphics.Color)	4287692498 (0xFF90FED2)
YUV	216.0940, -3.0043, -63.2264
Hunter-Lab	90.2586, -42.1090, 14.8273

Details

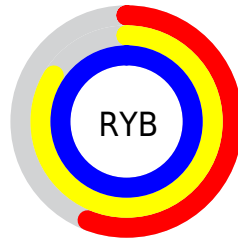
The XYZ color **58.5763, 81.4661, 73.6100** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **59.9262, 44.6502, 53.0401**, and the grayscale version is **65.3811, 68.7860, 74.9080**.

A 20% lighter version of the original color is **78.1671, 91.2966, 108.1099**, and **29.8048, 44.3112, 38.4345** is the 20% darker color. If you saturate the color by 10%, you get **53.4034, 78.9432, 66.9694**, and if you desaturate by 10%, it is **64.8320, 84.5422, 80.7244**.

Distribution



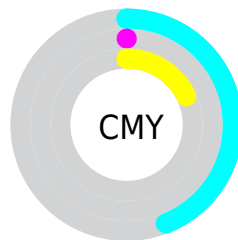
- Red (56%)
- Green (100%)
- Blue (82%)



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



- Cyan (43%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5763, 81.4661, 73.6100 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 58.5763, 81.4661, 73.6100 by changing the saturation by 10% instead.


 58.5763, 81.4661,
73.6100

 58.5763, 81.4661,
73.6100


409.2493,
499.8601, 492.2536

 42.5172, 60.9255,
53.9800


 101.8798,
135.4250, 126.0717

 29.6994, 44.1651,
38.1926


 129.8548,
169.6122, 159.7406

 19.7574, 30.8003,
25.8292


162.5326,
209.1171, 198.9262

 12.3261, 20.4468,
16.4713

200.2784,
254.3240, 244.0470

 7.0399, 12.7203,
9.7003

243.4576,
305.6173, 295.5216

 3.5336, 7.2362,
5.0977

292.4356,

 1.4418, 3.6103,

363.3815, 353.7685

2.2450

347.5777,
428.0010, 419.2064

■ 0.2857, 1.4580,
0.7001

■ 0.0000, 0.2589,
0.0000

■ 58.5763, 81.4661,
73.6100

■ 58.5763, 81.4661,
73.6100

■ 53.4034, 78.9432,
66.9694

■ 64.8320, 84.5422,
80.7244

■ 49.2374, 76.9281,
60.7860

■ 72.2267, 88.1939,
88.3176

■ 46.0028, 75.3842,
55.0502

■ 80.8206, 92.4542,
96.4013

■ 43.6099, 74.2654,
49.7495

■ 90.6675, 97.3507,
104.9852

■ 41.9498, 73.5159,
44.8704

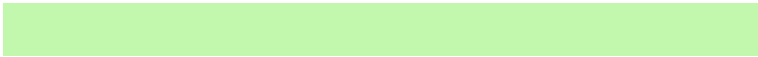
94.7333, 99.3666,
108.7944

■ 41.1435, 73.1667,
41.8312

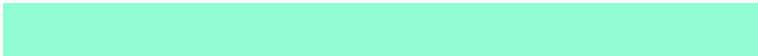
Harmonies

Analogous

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



63.3189, 81.4661, 51.9700



58.5763, 81.4661, 73.6100



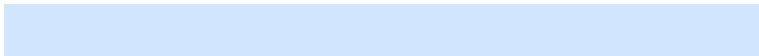
58.5464, 81.4661, 105.2966

Triad

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



58.5763, 81.4661, 73.6100



83.0269, 81.4661, 162.0424



93.6100, 81.4661, 52.1678

Complementary

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



58.5763, 81.4661, 73.6100



59.9262, 44.6502, 53.0401

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.



99.9941, 81.4661, 73.9508



58.5763, 81.4661, 73.6100



93.4982, 81.4661, 139.6161

Square

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



58.5763, 81.4661, 73.6100



71.9643, 81.4661, 161.8881



99.9513, 81.4661, 105.7292



83.1680, 81.4661, 41.7614

Rectangle

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



58.5763, 81.4661, 73.6100



61.1709, 81.4661, 128.4526



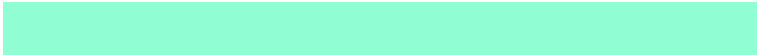
99.9513, 81.4661, 105.7292



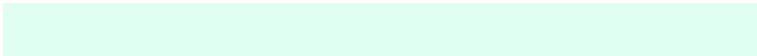
96.3441, 81.4661, 58.1369

Sweetspot

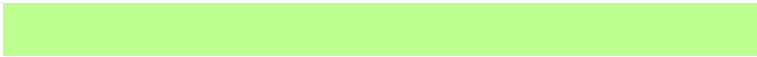
The Sweet Spot groups the original color and five complimentary colors.



58.5785, 81.4694, 73.6119



81.8262, 93.4211, 97.5187



61.6721, 83.8265, 39.3164



17.0798, 19.7803, 20.4777



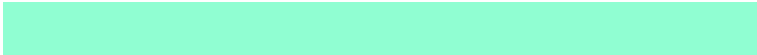
0.0000, 0.0000, 0.0000



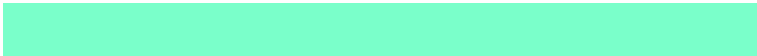
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5785, 81.4694, 73.6119



54.4985, 79.9491, 68.4102



61.9957, 78.2924, 105.6143



18.2292, 20.3512, 21.5099



21.7653, 38.6027, 22.4472



2.1732, 3.7802, 2.4700

Inverse Universe

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



59.9262, 44.6502, 53.0401



56.0301, 38.3901, 45.2425



57.3281, 45.9235, 32.2294



18.3104, 18.1075, 20.2517



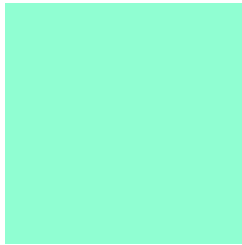
22.8709, 11.6376, 7.9705



2.2791, 1.1540, 1.0509

Previews

White Background



This preview shows how the XYZ color 58.5763, 81.4661, 73.6100 looks on a white background.

Color Contrast Check

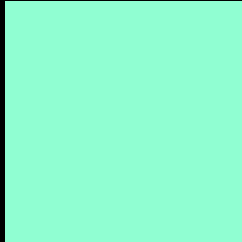
Large Text (above 18pt) WCAG AA × Fail

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 58.5763, 81.4661, 73.6100 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

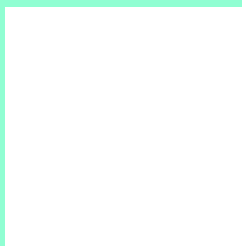
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5763, 81.4661, 73.6100

Background



This preview shows how black text looks on a background with the XYZ color 58.5763, 81.4661, 73.6100.



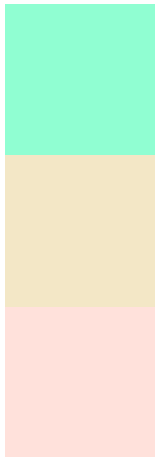
This preview shows how white text looks on a background with the XYZ color 58.5763, 81.4661,

73.6100.

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

58.5763, 81.4661, 73.6100

Protanopia

75.7311, 80.2837, 64.9309

Deuteranopia

80.9514, 80.2249, 78.2362



Tritanopia

69.9988, 80.6954, 106.4942

Trichromacy



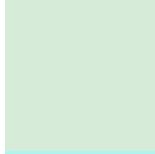
Original Color

58.5763, 81.4661, 73.6100



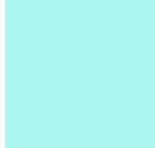
Protanomaly

67.2593, 79.2627, 67.6314



Deuteranomaly

70.4145, 79.3958, 76.5794



Tritanomaly

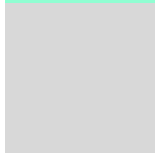
65.3303, 80.8015, 93.8143

Monochromacy



Original Color

58.5763, 81.4661, 73.6100



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

61.6696, 72.3958, 74.3418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5763, 81.4661, 73.6100 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(144, 254, 210)` looks like.

```
.text, #text, p{  
    color:rgb(144, 254, 210)  
}
```

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(144, 254, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 254, 210) }
```

Border

The CSS property to change the border of an element to XYZ 58.5763, 81.4661, 73.6100 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(144, 254, 210) }
```


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

```
.border{ border-color:rgb(144, 254, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 254, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 254, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 254, 210);  
box-shadow:4px 4px 4px 4px rgb(144, 254,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5763, 81.4661, 73.6100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 254, 210) }
```

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

```
.background{ background-color: rgb(144,  
254, 210) }
```

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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