

Converting Colors

XYZ(59.7200, 82.2495, 75.6263)

Have a look what the booklet for
XYZ(59.7200, 82.2495, 75.6263)
contains.

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Color

**XYZ(59.8029, 82.5271,
75.7282)**

Conversions

Conversions Part 1

Format	Color
Hex	93FFD5
RGB	147, 255, 213
RGB Percent	58%, 100%, 84%
CMY	0.4235, 0.0000, 0.1647
CMYK	0.42, 0.00, 0.16, 0.00
HSL	157°, 100%, 79%
HSV	157°, 42%, 100%
XYZ	59.8029, 82.5271, 75.7282
YIQ	217.9200, -50.8860, -35.9580

Conversions

Conversions Part 2

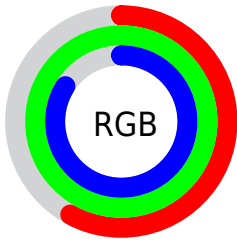
Format	Color
RYB	147, 214, 255
Decimal	9699285
CIELab	92.81, -40.55, 10.40
CIELCh	93, 41.860, 165.616
Yxy	82.5271, 0.2743, 0.3785
Android (android.graphics.Color)	4287889365 (0xFF93FFD5)
YUV	217.9200, -2.4256, -62.1968
Hunter-Lab	90.8444, -41.4712, 14.1668

Details

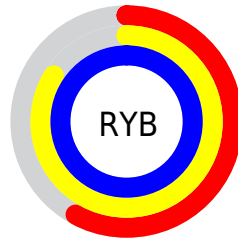
The XYZ color **59.8029, 82.5271, 75.7282** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **60.8597, 45.8027, 53.7780**, and the grayscale version is **66.6268, 70.0966, 76.3352**.

A 20% lighter version of the original color is **78.9868, 91.7191, 108.1483**, and **30.4855, 44.9806, 39.4231** is the 20% darker color. If you saturate the color by 10%, you get **54.5056, 79.9373, 69.1101**, and if you desaturate by 10%, it is **66.1923, 85.6710, 82.8020**.

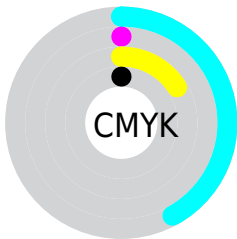
Distribution



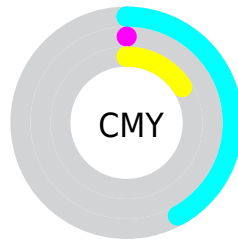
- Red (58%)
- Green (100%)
- Blue (84%)



- Red (58%)
- Yellow (84%)
- Blue (100%)



- Cyan (42%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (42%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8029, 82.5271, 75.7282 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 59.8029, 82.5271, 75.7282 by changing the saturation by 10% instead.


 59.8029, 82.5271,
75.7282


 59.8029, 82.5271,
75.7282


413.7173,
503.4091, 499.7388

 43.5086, 61.8001,
55.7043


 103.6517,
136.9129, 129.0992

 30.4807, 44.8712,
39.5635


 131.9369,
171.3406, 163.2834

 20.3536, 31.3560,
26.8872


164.9498,
211.1038, 203.0248

 12.7621, 20.8701,
17.2568

203.0558,
256.5872, 248.7420

 7.3408, 13.0291,
10.2539

246.6201,
308.1750, 300.8534

 3.7243, 7.4486,
5.4598


296.0083,


 1.5474, 3.7442,


366.2517, 359.7777


2.4561


351.5855,
431.2016, 425.9333


 0.3577, 1.5315,
0.8167


 0.0000, 0.3108,
0.0000


 59.8029, 82.5271,
75.7282


 59.8029, 82.5271,
75.7282


 54.5056, 79.9373,
69.1101

 66.1923, 85.6710,
82.8020


 50.2287, 77.8648,
62.9331

 73.7340, 89.4000,
90.3370

 46.8958, 76.2703,
57.1877

 82.4869, 93.7441,
98.3443

 44.4177, 75.1081,
51.8622

 92.5049, 98.7311,
106.8329

■ 42.6870, 74.3230,
46.9437

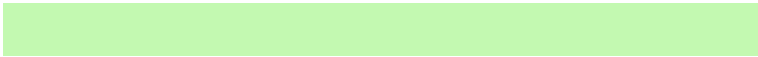
95.0500, 100.0000,
108.9000

■ 41.7468, 73.9147,
43.4460

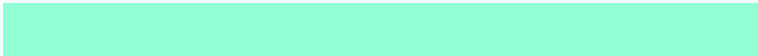
Harmonies

Analogous

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



64.3662, 82.5271, 54.0091



59.8029, 82.5271, 75.7282



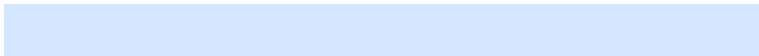
59.9005, 82.5271, 107.0424

Triad

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



59.8029, 82.5271, 75.7282



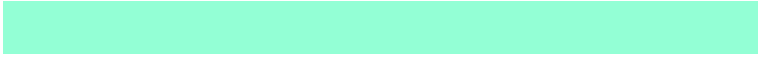
84.2304, 82.5271, 161.1307



94.0668, 82.5271, 53.3603

Complementary

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



59.8029, 82.5271, 75.7282



60.8597, 45.8027, 53.7780

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.



100.4561, 82.5271, 74.6188



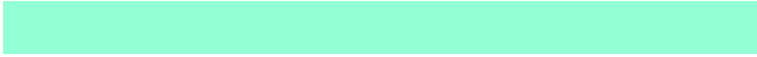
59.8029, 82.5271, 75.7282



94.4278, 82.5271, 138.8403

Square

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



59.8029, 82.5271, 75.7282



73.3368, 82.5271, 161.6254



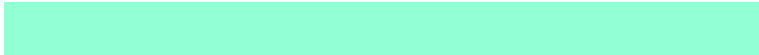
100.5941, 82.5271, 105.6444



83.7737, 82.5271, 43.2782

Rectangle

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



59.8029, 82.5271, 75.7282



62.5741, 82.5271, 129.6365



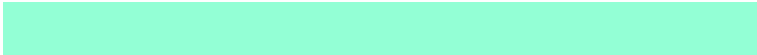
100.5941, 82.5271, 105.6444



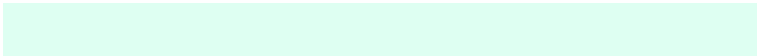
96.7827, 82.5271, 59.1832

Sweetspot

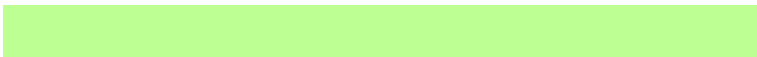
The Sweet Spot groups the original color and five complimentary colors.



59.8037, 82.5276, 75.7296



81.8816, 93.4433, 97.8107



62.3124, 84.5999, 40.6504



17.0935, 19.7858, 20.5499



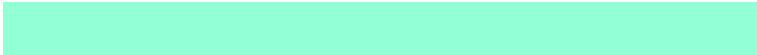
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



59.8037, 82.5276, 75.7296



55.1604, 80.2563, 69.9787



62.4942, 78.2454, 106.4168



18.2380, 20.3547, 21.5565



21.8890, 38.6522, 23.0985



2.1849, 3.7849, 2.5313

Inverse Universe

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



60.8597, 45.8027, 53.7780



56.3567, 39.0304, 45.3911



58.7000, 47.7533, 33.7286



18.3018, 18.1040, 20.2064



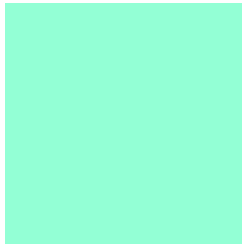
22.7974, 11.6083, 7.5838



2.2714, 1.1509, 1.0104

Previews

White Background



This preview shows how the XYZ color 59.8029, 82.5271, 75.7282 looks on a white background.

Color Contrast Check

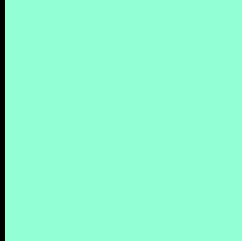
Large Text (above 18pt) WCAG AA × Fail

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 59.8029, 82.5271, 75.7282 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 59.8029, 82.5271, 75.7282

Background



This preview shows how black text looks on a background with the XYZ color 59.8029, 82.5271, 75.7282.



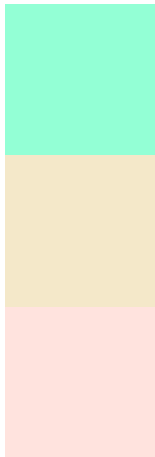
This preview shows how white text looks on a background with the XYZ color 59.8029, 82.5271,

75.7282.

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

59.8029, 82.5271, 75.7282

Protanopia

76.7075, 81.1634, 66.8815

Deuteranopia

81.8939, 81.4721, 80.5167



Tritanopia

71.5404, 81.9307, 106.6514

Trichromacy



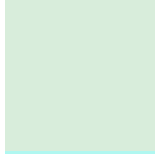
Original Color

59.8029, 82.5271, 75.7282



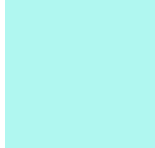
Protanomaly

68.4740, 80.2833, 69.6449



Deuteranomaly

71.3893, 80.2818, 78.7511



Tritanomaly

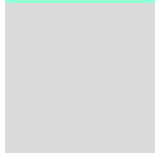
66.8934, 82.0429, 94.7483

Monochromacy



Original Color

59.8029, 82.5271, 75.7282



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

62.7088, 73.3162, 75.8121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8029, 82.5271, 75.7282 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(147, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(147, 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(147, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 255, 213) }
```

Border

The CSS property to change the border of an element to XYZ 59.8029, 82.5271, 75.7282 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(147, 255, 213) }
```


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

```
.border{ border-color:rgb(147, 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(147, 255, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 255, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 255, 213);  
box-shadow:4px 4px 4px 4px rgb(147, 255,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8029, 82.5271, 75.7282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 255, 213) }
```

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

```
.background{ background-color: rgb(147,  
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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