

Converting Colors

XYZ(59.3901, 82.5560, 64.7929)

Have a look what the booklet for
XYZ(59.3901, 82.5560, 64.7929)
contains.

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Color

**XYZ(59.4341, 82.5734,
65.0303)**

Conversions

Conversions Part 1

Format	Color
Hex	9CFFC4
RGB	156, 255, 196
RGB Percent	61%, 100%, 77%
CMY	0.3882, 0.0000, 0.2314
CMYK	0.39, 0.00, 0.23, 0.00
HSL	144°, 100%, 81%
HSV	144°, 39%, 100%
XYZ	59.4341, 82.5734, 65.0303
YIQ	218.6730, -40.0650, -39.3370

Conversions

Conversions Part 2

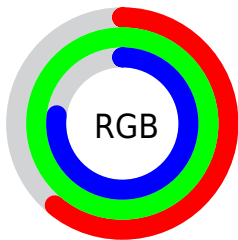
Format	Color
RYB	156, 227, 255
Decimal	10289092
CIELab	92.83, -41.52, 19.20
CIElCh	93, 45.745, 155.176
Yxy	82.5734, 0.2871, 0.3988
Android (android.graphics.Color)	4288479172 (0xFF9CFFC4)
YUV	218.6730, -11.1778, -54.9642
Hunter-Lab	90.8699, -42.2732, 21.1785

Details

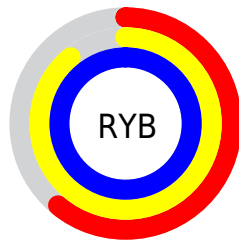
The XYZ color **59.4341, 82.5734, 65.0303** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65.3946, 49.9440, 70.4835**, and the grayscale version is **67.2001, 70.6997, 76.9920**.

A 20% lighter version of the original color is **81.2212, 92.9080, 106.5807**, and **30.3321, 45.0505, 32.6881** is the 20% darker color. If you saturate the color by 10%, you get **53.3637, 79.6339, 56.1698**, and if you desaturate by 10%, it is **66.7169, 86.1177, 74.8649**.

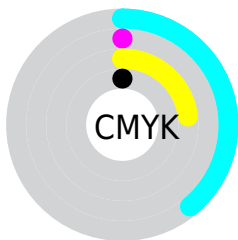
Distribution



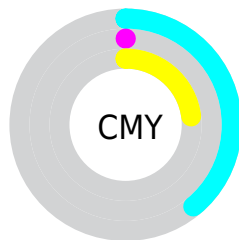
- Red (61%)
- Green (100%)
- Blue (77%)



- Red (61%)
- Yellow (89%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)




- Cyan (39%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4341, 82.5734, 65.0303 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 59.4341, 82.5734, 65.0303 by changing the saturation by 10% instead.


 59.4341, 82.5734,
65.0303


 59.4341, 82.5734,
65.0303


412.3770,
503.5637, 461.2100

 43.2104, 61.8383,
47.0341


 103.1193,
136.9778, 113.7071

 30.2455, 44.9020,
32.7081


 131.3116,
171.4159, 145.2249

 20.1740, 31.3803,
21.6337

164.2240,
211.1904, 182.0869

 12.6306, 20.8886,
13.3922

202.2221,
256.6858, 224.7117

 7.2499, 13.0426,
7.5653

245.6710,
308.2864, 273.5179

 3.6666, 7.4579,
3.7343

294.9362,

 1.5153, 3.7501,

366.3767, 328.9240

1.4808

350.3831,
431.3410, 391.3485

0.3362, 1.5348,
0.2035

0.0000, 0.3130,
0.0000

59.4341, 82.5734,
65.0303

59.4341, 82.5734,
65.0303

53.3637, 79.6339,
56.1698

66.7169, 86.1177,
74.8649

48.4330, 77.2622,
48.2489

75.2746, 90.2985,
85.6985

44.5647, 75.4192,
41.2370

85.1678, 95.1463,
97.5601

41.6698, 74.0597,
35.0999

95.0500, 100.0000,
108.9000

■ 39.6440, 73.1305,
29.8013

■ 38.3382, 72.5556,
25.3006

■ 38.2098, 72.4999,
24.8206

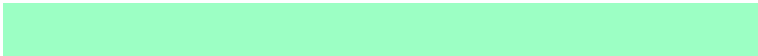
Harmonies

Analogous

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



65.9851, 82.5734, 46.1580



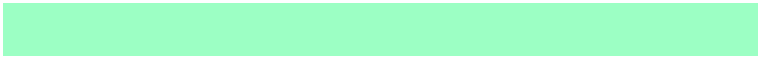
59.4341, 82.5734, 65.0303



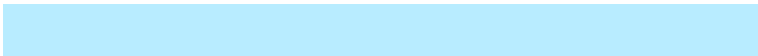
57.7652, 82.5734, 95.9725

Triad

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



59.4341, 82.5734, 65.0303



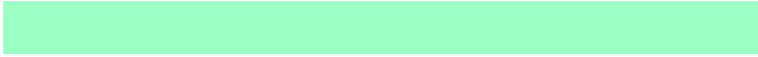
80.5733, 82.5734, 172.5873



98.7873, 82.5734, 57.0969

Complementary

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



59.4341, 82.5734, 65.0303



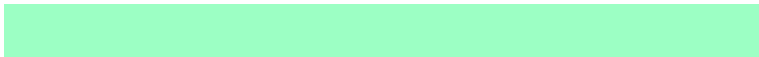
65.3946, 49.9440, 70.4835

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.



103.6438, 82.5734, 84.1053



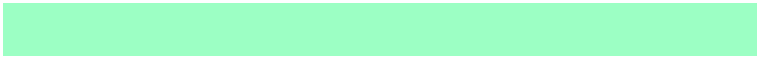
59.4341, 82.5734, 65.0303



92.4683, 82.5734, 155.0812

Square

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



59.4341, 82.5734, 65.0303



69.2331, 82.5734, 163.7714



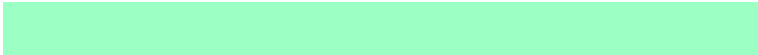
101.2219, 82.5734, 120.4379



88.5233, 82.5734, 42.4577

Rectangle

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



59.4341, 82.5734, 65.0303



59.4837, 82.5734, 120.8839



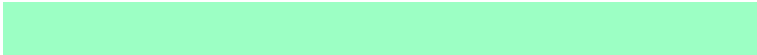
101.2219, 82.5734, 120.4379



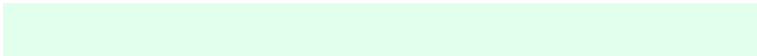
101.1512, 82.5734, 64.7354

Sweetspot

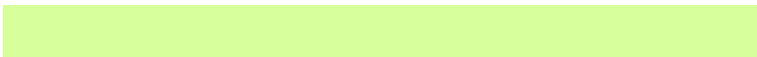
The Sweet Spot groups the original color and five complimentary colors.



59.4348, 82.5738, 65.0317



81.8762, 93.5319, 93.6782



69.9031, 88.4282, 44.8376



17.2438, 19.8819, 19.7159



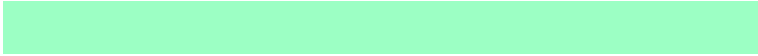
0.0000, 0.0000, 0.0000



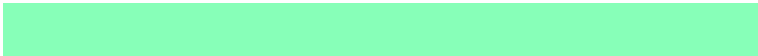
20.3446, 21.4041, 23.3091

Same Dimension

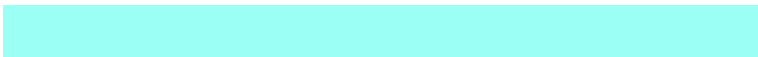
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.4348, 82.5738, 65.0317



54.3831, 80.1263, 57.7140



65.9675, 85.1868, 99.4323



18.0757, 20.2898, 20.7016



20.0346, 37.9104, 13.3336



2.0031, 3.7122, 1.5741

Inverse Universe

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



65.3946, 49.9440, 70.4835



61.1355, 43.1141, 63.8589



60.0028, 47.7873, 42.0907



18.4638, 18.1688, 21.0595



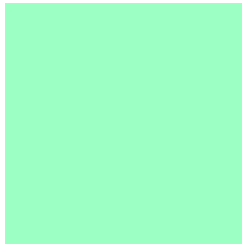
24.5847, 12.3232, 16.9952



2.4479, 1.2215, 1.9398

Previews

White Background



This preview shows how the XYZ color 59.4341, 82.5734, 65.0303 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 59.4341, 82.5734, 65.0303 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 59.4341, 82.5734, 65.0303

Background



This preview shows how black text looks on a background with the XYZ color 59.4341, 82.5734, 65.0303.

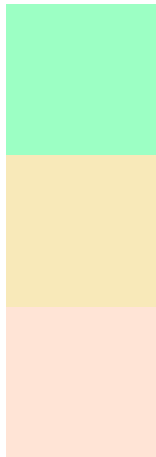


This preview shows how white text looks on a background with the XYZ color 59.4341, 82.5734,

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

59.4341, 82.5734, 65.0303

Protanopia

76.6073, 81.7371, 57.6381

Deuteranopia

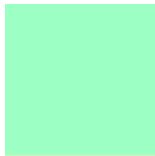
81.1210, 81.6018, 75.0935



Tritanopia

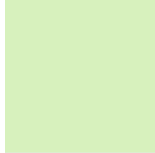
72.3078, 82.3264, 106.6873

Trichromacy



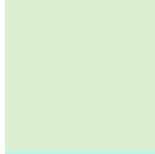
Original Color

59.4341, 82.5734, 65.0303



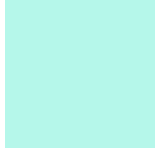
Protanomaly

68.6649, 81.0318, 60.1658



Deuteranomaly

71.0504, 80.7141, 70.8661



Tritanomaly

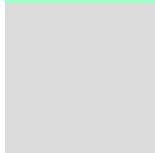
67.1681, 82.2858, 90.1845

Monochromacy



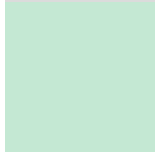
Original Color

59.4341, 82.5734, 65.0303



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

63.3794, 74.1521, 72.6004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4341, 82.5734, 65.0303 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(156, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(156, 255, 196)  
}
```

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(156, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 255, 196) }
```

Border

The CSS property to change the border of an element to XYZ 59.4341, 82.5734, 65.0303 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(156, 255, 196) }
```


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

```
.border{ border-color:rgb(156, 255, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 255, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 255, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 255, 196); box-shadow:4px 4px 4px 4px rgb(156, 255, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4341, 82.5734, 65.0303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 255, 196) }
```

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

```
.background{ background-color: rgb(156,  
255, 196) }
```

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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