

Converting Colors

XYZ(69.3991, 103.3082,
65.7750)

Have a look what the booklet for
XYZ(69.3991, 103.3082, 65.7750)
contains.

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Color

**XYZ(58.8743, 82.3495,
62.0823)**

Conversions

Conversions Part 1

Format	Color
Hex	9CFFBF
RGB	156, 255, 191
RGB Percent	61%, 100%, 75%
CMY	0.3882, 0.0000, 0.2510
CMYK	0.39, 0.00, 0.25, 0.00
HSL	141°, 100%, 81%
HSV	141°, 39%, 100%
XYZ	58.8743, 82.3495, 62.0823
YIQ	218.1030, -38.4600, -40.8920

Conversions

Conversions Part 2

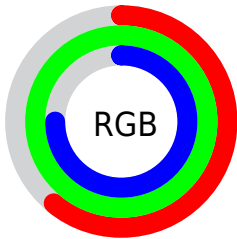
Format	Color
RYB	156, 229, 255
Decimal	10289087
CIELab	92.73, -42.44, 21.62
CIElCh	93, 47.630, 153.005
Yxy	82.3495, 0.2896, 0.4051
Android (android.graphics.Color)	4288479167 (0xFF9CFFBF)
YUV	218.1030, -13.3618, -54.4643
Hunter-Lab	90.7466, -42.9999, 22.9607

Details

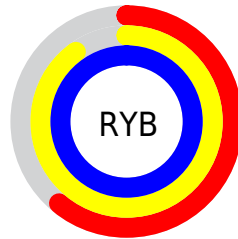
The XYZ color **58.8743, 82.3495, 62.0823** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **66.0471, 50.2050, 73.9195**, and the grayscale version is **66.8197, 70.2995, 76.5562**.

A 20% lighter version of the original color is **80.4348, 92.5935, 102.4399**, and **29.9650, 44.9036, 30.7549** is the 20% darker color. If you saturate the color by 10%, you get **52.7337, 79.3819, 52.8524**, and if you desaturate by 10%, it is **66.2562, 85.9334, 72.4388**.

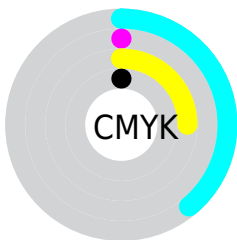
Distribution



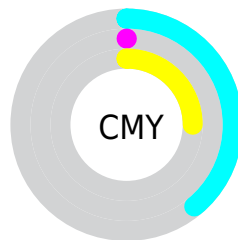
- Red (61%)
- Green (100%)
- Blue (75%)



- Red (61%)
- Yellow (90%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (39%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8743, 82.3495, 62.0823 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 58.8743, 82.3495, 62.0823 by changing the saturation by 10% instead.


 58.8743, 82.3495,
62.0823


 58.8743, 82.3495,
62.0823


410.3375,
502.8160, 450.2472

 42.7579, 61.6537,
44.6630


 102.3106,
136.6640, 109.4172

 29.8889, 44.7529,
30.8510


 130.3613,
171.0515, 140.1699

 19.9019, 31.2628,
20.2279


163.1207,
210.7716, 176.2041

 12.4316, 20.7991,
12.3751

200.9543,
256.2088, 217.9384

 7.1126, 12.9772,
6.8741

244.2275,
307.7474, 265.7913

 3.5796, 7.4129,
3.3062

293.3055,

 1.4672, 3.7216,

365.7719, 320.1814

1.2530

348.5537,
430.6666, 381.5272

■ 0.3033, 1.5191,
0.0228

■ 0.0000, 0.3021,
0.0000

■ 58.8743, 82.3495,
62.0823

■ 58.8743, 82.3495,
62.0823

■ 52.7337, 79.3819,
52.8524

■ 66.2562, 85.9334,
72.4388

■ 47.7604, 76.9932,
44.7066

■ 74.9434, 90.1660,
83.9546

■ 43.8750, 75.1433,
37.6055

■ 84.9980, 95.0784,
96.6659

■ 40.9872, 73.7866,
31.5055

95.0500, 100.0000,
108.9000

■ 38.9905, 72.8691,
26.3597

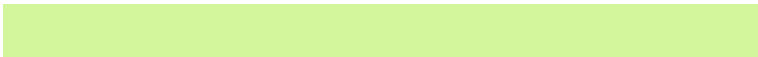
■ 37.7335, 72.3137,
22.1161

■ 37.6120, 72.2608,
21.6726

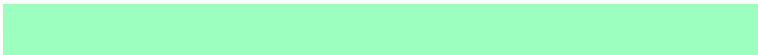
Harmonies

Analogous

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



65.9781, 82.3495, 43.6942



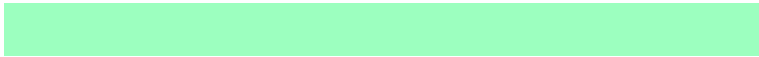
58.8743, 82.3495, 62.0823



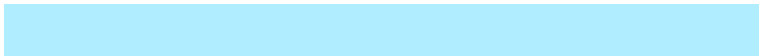
56.7764, 82.3495, 93.2953

Triad

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



58.8743, 82.3495, 62.0823



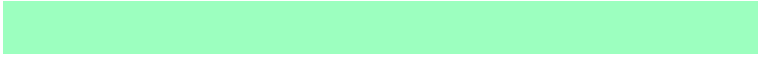
79.5284, 82.3495, 176.6968



100.0378, 82.3495, 57.3511

Complementary

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



58.8743, 82.3495, 62.0823



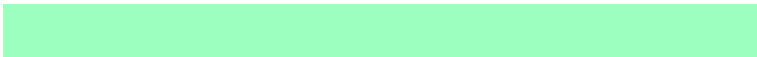
66.0471, 50.2050, 73.9195

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.



104.6023, 82.3495, 86.1293



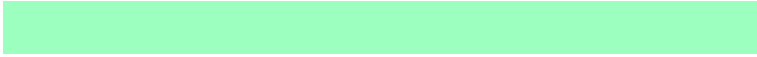
58.8743, 82.3495, 62.0823



92.0026, 82.3495, 160.0598

Square

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



58.8743, 82.3495, 62.0823



67.9306, 82.3495, 165.3902



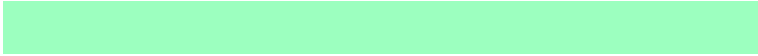
101.5184, 82.3495, 124.4025



89.6103, 82.3495, 41.5129

Rectangle

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



58.8743, 82.3495, 62.0823



58.2954, 82.3495, 119.1144



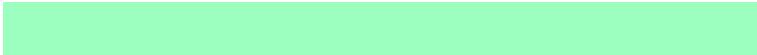
101.5184, 82.3495, 124.4025



102.3558, 82.3495, 65.5191

Sweetspot

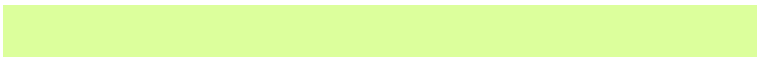
The Sweet Spot groups the original color and five complimentary colors.



58.8749, 82.3498, 62.0836



81.6516, 93.4421, 92.4955



71.3824, 89.1908, 44.9067



17.1912, 19.8609, 19.4385



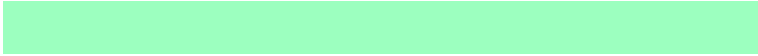
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

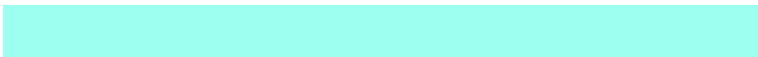
The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.8749, 82.3498, 62.0836



53.7638, 79.8785, 54.4529



65.2212, 84.8883, 95.5028



18.0368, 20.2742, 20.4967



19.7171, 37.7834, 11.6612



1.9694, 3.6987, 1.3967

Inverse Universe

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



66.0471, 50.2050, 73.9195



61.8879, 43.4150, 67.8214



60.4654, 47.9723, 44.5268



18.5040, 18.1849, 21.2711



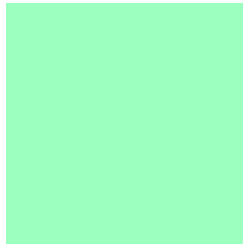
25.1638, 12.5548, 20.0449



2.5021, 1.2432, 2.2253

Previews

White Background



This preview shows how the XYZ color 58.8743, 82.3495, 62.0823 looks on a white background.

Color Contrast Check

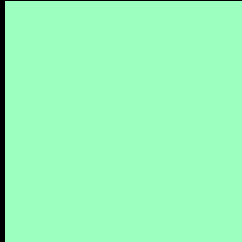
Large Text (above 18pt) WCAG AA × Fail

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 58.8743, 82.3495, 62.0823 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 58.8743, 82.3495, 62.0823

Background



This preview shows how black text looks on a background with the XYZ color 58.8743, 82.3495, 62.0823.

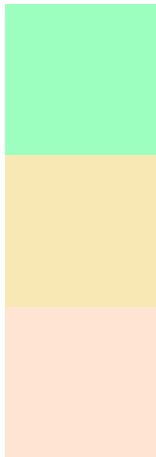


This preview shows how white text looks on a background with the XYZ color 58.8743, 82.3495,

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

58.8743, 82.3495, 62.0823

Protanopia

76.0885, 81.5296, 54.9065

Deuteranopia

80.8671, 81.5003, 73.7563



Tritanopia

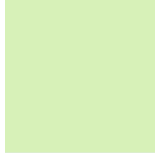
72.0110, 81.7327, 106.5883

Trichromacy



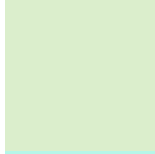
Original Color

58.8743, 82.3495, 62.0823



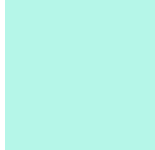
Protanomaly

68.1314, 80.8184, 57.3560



Deuteranomaly

70.6870, 80.5688, 68.9525



Tritanomaly

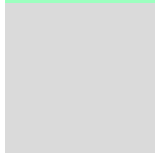
66.5773, 81.5615, 88.5779

Monochromacy



Original Color

58.8743, 82.3495, 62.0823



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

62.4668, 73.3080, 70.5320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8743, 82.3495, 62.0823 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(156, 255, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 255, 191) }
```

Border

The CSS property to change the border of an element to XYZ 58.8743, 82.3495, 62.0823 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, 191) }
```


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

```
.border{ border-color:rgb(156, 255, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 255, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 255, 191); box-shadow:4px 4px 4px 4px rgb(156, 255, 191) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8743, 82.3495, 62.0823 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, 191) }
```

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

```
.background{ background-color: rgb(156,  
255, 191) }
```

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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