

Converting Colors

XYZ(59.0086, 82.3370, 65.7824)

Have a look what the booklet for
XYZ(59.0086, 82.3370, 65.7824)
contains.

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Color

**XYZ(58.9749, 82.3235,
65.6050)**

Conversions

Conversions Part 1

Format	Color
Hex	99FFC5
RGB	153, 255, 197
RGB Percent	60%, 100%, 77%
CMY	0.4000, 0.0000, 0.2274
CMYK	0.40, 0.00, 0.23, 0.00
HSL	146°, 100%, 80%
HSV	146°, 40%, 100%
XYZ	58.9749, 82.3235, 65.6050
YIQ	217.8900, -42.1740, -39.6620

Conversions

Conversions Part 2

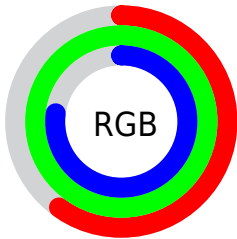
Format	Color
RYB	153, 224, 255
Decimal	10092485
CIELab	92.72, -42.15, 18.52
CIELCh	93, 46.038, 156.278
Yxy	82.3235, 0.2850, 0.3979
Android (android.graphics.Color)	4288282565 (0xFF99FFC5)
YUV	217.8900, -10.2988, -56.9085
Hunter-Lab	90.7323, -42.7587, 20.6423

Details

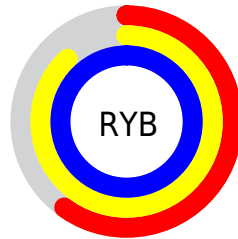
The XYZ color **58.9749, 82.3235, 65.6050** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **64.3895, 48.7464, 67.6434**, and the grayscale version is **66.6542, 70.1254, 76.3665**.

A 20% lighter version of the original color is **80.5134, 92.5246, 107.3815**, and **29.9759, 44.8581, 33.0652** is the 20% darker color. If you saturate the color by 10%, you get **53.0829, 79.4689, 57.0699**, and if you desaturate by 10%, it is **66.0565, 85.7729, 75.0327**.

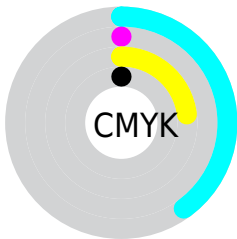
Distribution



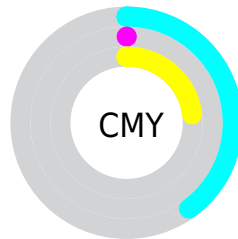
- Red (60%)
- Green (100%)
- Blue (77%)



- Red (60%)
- Yellow (88%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9749, 82.3235, 65.6050 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 58.9749, 82.3235, 65.6050 by changing the saturation by 10% instead.


 58.9749, 82.3235,
65.6050


 58.9749, 82.3235,
65.6050


410.7044,
502.7291, 463.3285

 42.8392, 61.6322,
47.4974

 102.4560,
136.6276, 114.5408

 29.9529, 44.7356,
33.0719


 130.5322,
171.0091, 146.2061

 19.9508, 31.2492,
21.9099


163.3191,
210.7230, 183.2276

 12.4673, 20.7887,
13.5930

201.1824,
256.1534, 226.0240

 7.1372, 12.9696,
7.7027

244.4871,
307.6848, 275.0137

 3.5952, 7.4076,
3.8203

293.5988,

 1.4758, 3.7183,

365.7017, 330.6153

1.5273

348.8828,
430.5883, 393.2474

■ 0.3093, 1.5173,
0.2381

■ 0.0000, 0.3008,
0.0000

■ 58.9749, 82.3235,
65.6050

■ 58.9749, 82.3235,
65.6050

■ 53.0829, 79.4689,
57.0699

■ 66.0565, 85.7729,
75.0327

■ 48.3079, 77.1722,
49.3967

■ 74.3902, 89.8488,
85.3745

■ 44.5720, 75.3937,
42.5584

■ 84.0364, 94.5819,
96.6562

■ 41.7858, 74.0880,
36.5253

95.0500, 100.0000,
108.9000

■ 39.8434, 73.2011,
31.2653

■ 38.5747, 72.6459,
26.7418

■ 38.5746, 72.6458,
26.7414

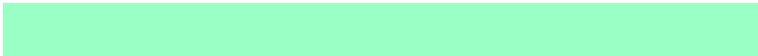
Harmonies

Analogous

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



65.3781, 82.3235, 46.2390



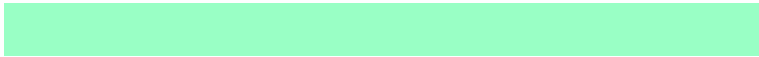
58.9749, 82.3235, 65.6050



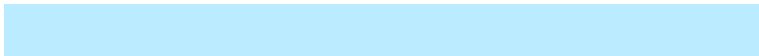
57.4884, 82.3235, 97.0549

Triad

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



58.9749, 82.3235, 65.6050



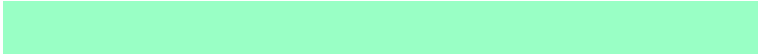
80.7952, 82.3235, 172.6190



98.3485, 82.3235, 55.9602

Complementary

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



58.9749, 82.3235, 65.6050



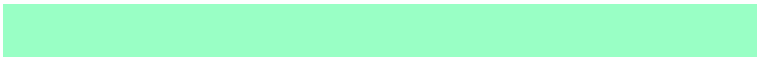
64.3895, 48.7464, 67.6434

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.



103.4808, 82.3235, 82.6057



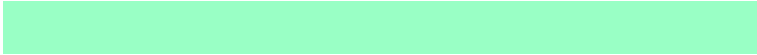
58.9749, 82.3235, 65.6050



92.7004, 82.3235, 154.1180

Square

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



58.9749, 82.3235, 65.6050



69.3303, 82.3235, 164.7184



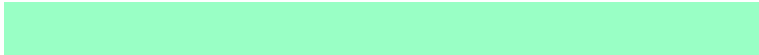
101.3151, 82.3235, 118.9182



87.8951, 82.3235, 41.7471

Rectangle

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



58.9749, 82.3235, 65.6050



59.3358, 82.3235, 122.1723



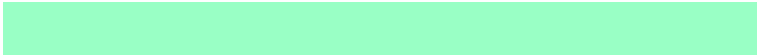
101.3151, 82.3235, 118.9182



100.7994, 82.3235, 63.4596

Sweetspot

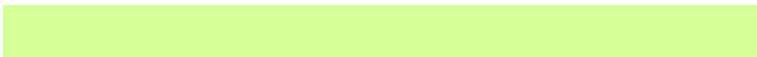
The Sweet Spot groups the original color and five complimentary colors.



58.9756, 82.3238, 65.6064



81.9985, 93.5809, 94.3225



68.8060, 87.8916, 43.4763



17.2726, 19.8934, 19.8672



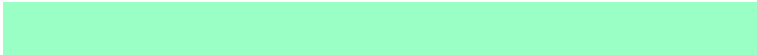
0.0000, 0.0000, 0.0000



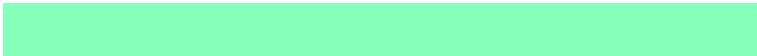
20.3446, 21.4041, 23.3091

Same Dimension

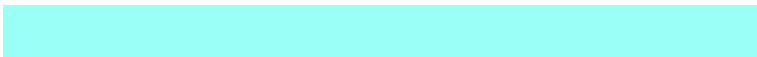
The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.9756, 82.3238, 65.6064



54.1692, 79.9938, 58.7065



65.6088, 84.9771, 100.5361



18.0969, 20.2983, 20.8131



20.2275, 37.9876, 14.3493



2.0230, 3.7201, 1.6790

Inverse Universe

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



64.3895, 48.7464, 67.6434



60.2571, 42.1994, 60.9701



59.1090, 46.6342, 39.8367



18.4422, 18.1602, 20.9456



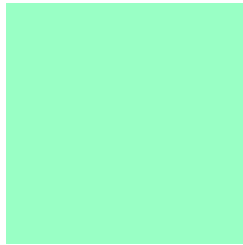
24.2956, 12.2075, 15.4729



2.4204, 1.2105, 1.7952

Previews

White Background



This preview shows how the XYZ color 58.9749, 82.3235, 65.6050 looks on a white background.

Color Contrast Check

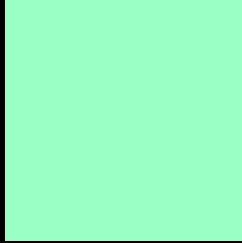
Large Text (above 18pt) WCAG AA × Fail

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 58.9749, 82.3235, 65.6050 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 58.9749, 82.3235, 65.6050

Background



This preview shows how black text looks on a background with the XYZ color 58.9749, 82.3235, 65.6050.

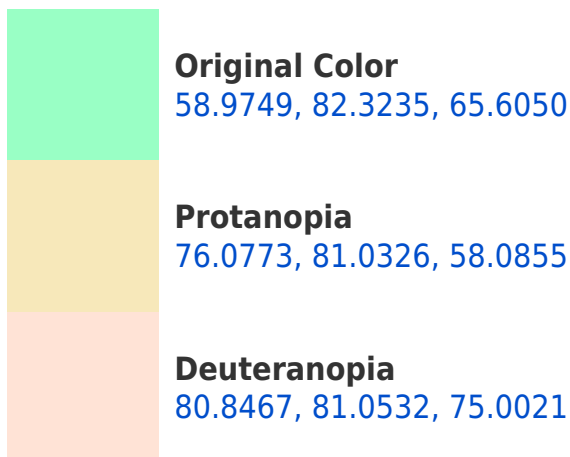


This preview shows how white text looks on a background with the XYZ color 58.9749, 82.3235,

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





Tritanopia

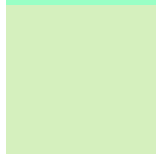
71.7944, 82.0617, 106.6633

Trichromacy



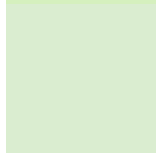
Original Color

58.9749, 82.3235, 65.6050



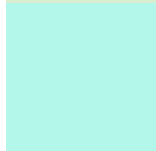
Protanomaly

67.8949, 80.1840, 60.6138



Deuteranomaly

70.5828, 80.0279, 71.4013



Tritanomaly

66.4721, 81.9270, 90.1519

Monochromacy



Original Color

58.9749, 82.3235, 65.6050



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

62.4569, 73.2743, 71.8243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9749, 82.3235, 65.6050 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(153, 255, 197)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 197)  
}
```

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(153, 255, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 197) }
```

Border

The CSS property to change the border of an element to XYZ 58.9749, 82.3235, 65.6050 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(153, 255, 197) }
```


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

```
.border{ border-color:rgb(153, 255, 197) }
```

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

Here you see how a box with a 4 pixel rgb(153, 255, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 197);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9749, 82.3235, 65.6050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 255, 197) }
```

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

```
.background{ background-color: rgb(153,  
255, 197) }
```

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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