

Converting Colors

XYZ(65.6194, 96.9568, 61.7163)

Have a look what the booklet for
XYZ(65.6194, 96.9568, 61.7163)
contains.

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Color

**XYZ(58.1405, 82.0337,
59.2241)**

Conversions

Conversions Part 1

Format	Color
Hex	9BFFBA
RGB	155, 255, 186
RGB Percent	61%, 100%, 73%
CMY	0.3921, 0.0000, 0.2706
CMYK	0.39, 0.00, 0.27, 0.00
HSL	139°, 100%, 80%
HSV	139°, 39%, 100%
XYZ	58.1405, 82.0337, 59.2241
YIQ	217.2340, -37.4510, -42.6590

Conversions

Conversions Part 2

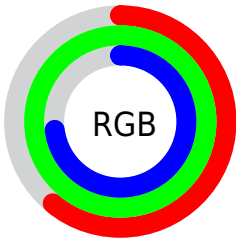
Format	Color
RYB	155, 231, 255
Decimal	10223546
CIELab	92.59, -43.62, 23.97
CIELCh	93, 49.769, 151.215
Yxy	82.0337, 0.2916, 0.4114
Android (android.graphics.Color)	4288413626 (0xFF9BFFBA)
YUV	217.2340, -15.3984, -54.5792
Hunter-Lab	90.5725, -43.9186, 24.6318

Details

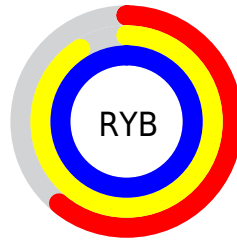
The XYZ color **58.1405, 82.0337, 59.2241** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **66.4162, 50.0852, 76.6877**, and the grayscale version is **66.2344, 69.6837, 75.8856**.

A 20% lighter version of the original color is **79.2276, 92.0769, 97.6013**, and **29.5733, 44.7343, 29.2662** is the 20% darker color. If you saturate the color by 10%, you get **51.9956, 79.0689, 49.7665**, and if you desaturate by 10%, it is **65.5503, 85.6240, 69.9459**.

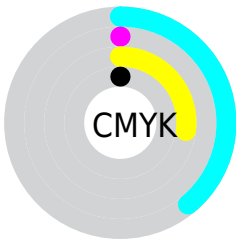
Distribution



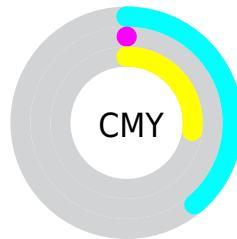
- Red (61%)
- Green (100%)
- Blue (73%)



- Red (61%)
- Yellow (91%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (39%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1405, 82.0337, 59.2241 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 58.1405, 82.0337, 59.2241 by changing the saturation by 10% instead.


 58.1405, 82.0337,
59.2241


 58.1405, 82.0337,
59.2241

407.6547,
501.7604, 439.4569

 42.1653, 61.3933,
42.3723


 101.2492,
136.2213, 105.2356

 29.4224, 44.5427,
29.0652


 129.1135,
170.5372, 135.2325

 19.5465, 31.0974,
18.8842


161.6714,
210.1805, 170.4481

 12.1722, 20.6730,
11.4106

199.2885,
255.5355, 211.3011

 6.9341, 12.8852,
6.2261

242.3300,
306.9866, 258.2099

 3.4669, 7.3495,
2.9121

291.1613,

 1.4052, 3.6816,

364.9182, 311.5931

1.0499

346.1477,
429.7146, 371.8692

■ 0.2599, 1.4971,
0.0000

■ 0.0000, 0.2867,
0.0000

■ 58.1405, 82.0337,
59.2241

■ 58.1405, 82.0337,
59.2241

■ 51.9956, 79.0689,
49.7665

■ 65.5503, 85.6240,
69.9459

■ 47.0399, 76.6915,
41.5221

■ 74.2909, 89.8728,
81.9723

■ 43.1919, 74.8605,
34.4424

■ 84.4258, 94.8120,
95.3470

■ 40.3588, 73.5291,
28.4737

95.0500, 100.0000,
108.9000

■ 38.4313, 72.6423,
23.5581

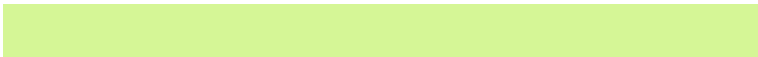
■ 37.2491, 72.1185,
19.6307

■ 37.1732, 72.0853,
19.3617

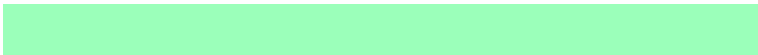
Harmonies

Analogous

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



65.7781, 82.0337, 41.2017



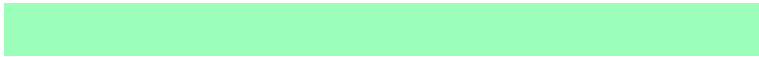
58.1405, 82.0337, 59.2241



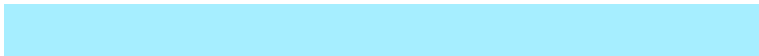
55.6541, 82.0337, 90.8393

Triad

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



58.1405, 82.0337, 59.2241



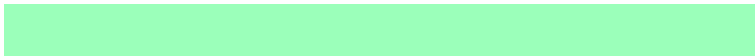
78.4990, 82.0337, 181.1387



101.2347, 82.0337, 57.2576

Complementary

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



58.1405, 82.0337, 59.2241



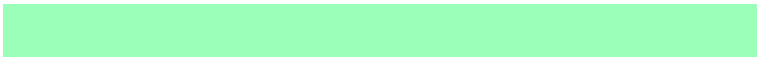
66.4162, 50.0852, 76.6877

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.



105.5739, 82.0337, 87.8193



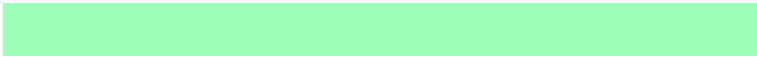
58.1405, 82.0337, 59.2241



91.5836, 82.0337, 165.1386

Square

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



58.1405, 82.0337, 59.2241



66.5968, 82.0337, 167.4236



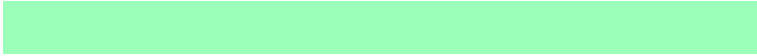
101.8634, 82.0337, 128.1983



90.5707, 82.0337, 40.3068

Rectangle

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



58.1405, 82.0337, 59.2241



57.0067, 82.0337, 117.6555



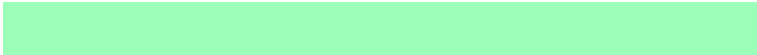
101.8634, 82.0337, 128.1983



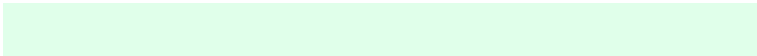
103.5311, 82.0337, 65.9448

Sweetspot

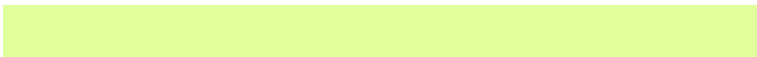
The Sweet Spot groups the original color and five complimentary colors.



58.1411, 82.0340, 59.2254



81.4595, 93.3653, 91.4842



72.7281, 89.8943, 44.5294



17.1461, 19.8428, 19.2015



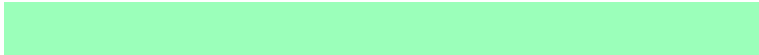
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

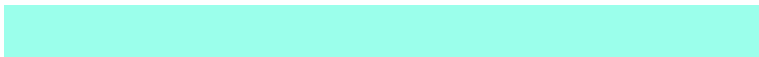
The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.1411, 82.0340, 59.2254



53.2515, 79.6736, 51.7551



64.2734, 84.4869, 91.5176



18.0034, 20.2609, 20.3211



19.4823, 37.6895, 10.4251



1.9435, 3.6883, 1.2603

Inverse Universe

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



66.4162, 50.0852, 76.6877



62.5596, 43.6837, 71.3582



60.6997, 47.7986, 46.5851



18.5388, 18.1989, 21.4547



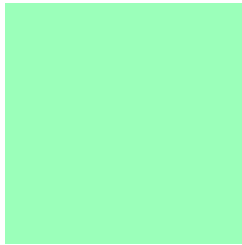
25.7110, 12.7737, 22.9262



2.5525, 1.2634, 2.4909

Previews

White Background



This preview shows how the XYZ color 58.1405, 82.0337, 59.2241 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 58.1405, 82.0337, 59.2241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

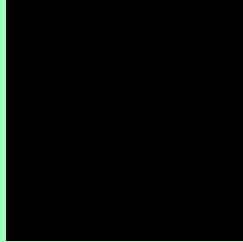
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1405, 82.0337, 59.2241

Background



This preview shows how black text looks on a background with the XYZ color 58.1405, 82.0337, 59.2241.

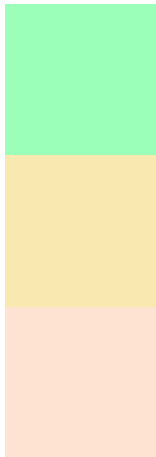


This preview shows how white text looks on a background with the XYZ color 58.1405, 82.0337,

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

58.1405, 82.0337, 59.2241

Protanopia

75.7600, 80.9876, 52.7135

Deuteranopia

80.3419, 80.8513, 72.3442



Tritanopia

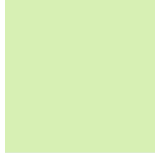
71.4976, 81.4681, 106.5643

Trichromacy



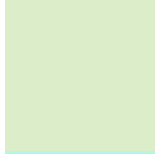
Original Color

58.1405, 82.0337, 59.2241



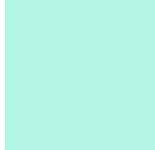
Protanomaly

67.4226, 80.0625, 55.0801



Deuteranomaly

70.0402, 79.8455, 66.9785



Tritanomaly

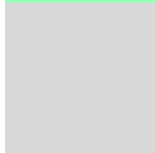
65.8291, 81.2084, 87.0681

Monochromacy



Original Color

58.1405, 82.0337, 59.2241



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

61.9646, 73.0774, 69.2320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1405, 82.0337, 59.2241 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(155, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(155, 255, 186)  
}
```

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(155, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 255, 186) }
```

Border

The CSS property to change the border of an element to XYZ 58.1405, 82.0337, 59.2241 is called "border". The border property can be set on classes, ids or directly on the HTML element.

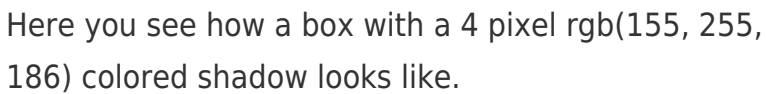
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 255, 186) }
```


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

```
.border{ border-color:rgb(155, 255, 186) }
```

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



Here you see how a box with a 4 pixel rgb(155, 255, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 255, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 255, 186);  
box-shadow:4px 4px 4px 4px rgb(155, 255,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1405, 82.0337, 59.2241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 255, 186) }
```

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

```
.background{ background-color: rgb(155,  
255, 186) }
```

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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