

Converting Colors

XYZ(58.0541, 82.1472, 52.0800)

Have a look what the booklet for
XYZ(58.0541, 82.1472, 52.0800)
contains.

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Color

**XYZ(58.2031, 82.2185,
52.3373)**

Conversions

Conversions Part 1

Format	Color
Hex	A2FFAD
RGB	162, 255, 173
RGB Percent	64%, 100%, 68%
CMY	0.3647, 0.0000, 0.3216
CMYK	0.36, 0.00, 0.32, 0.00
HSL	127°, 100%, 82%
HSV	127°, 36%, 100%
XYZ	58.2031, 82.2185, 52.3373
YIQ	217.8450, -29.1060, -45.2180

Conversions

Conversions Part 2

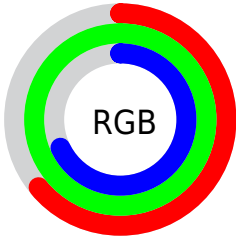
Format	Color
RYB	162, 245, 255
Decimal	10682285
CIELab	92.67, -43.82, 30.70
CIELCh	93, 53.500, 144.987
Yxy	82.2185, 0.3019, 0.4265
Android (android.graphics.Color)	4288872365 (0xFFA2FFAD)
YUV	217.8450, -22.1086, -48.9761
Hunter-Lab	90.6744, -44.1027, 29.2499

Details

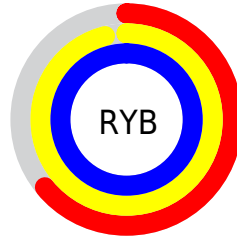
The XYZ color **58.2031, 82.2185, 52.3373** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **70.4895, 53.6327, 92.2239**, and the grayscale version is **66.6953, 70.1687, 76.4137**.

A 20% lighter version of the original color is **79.4181, 92.3928, 87.7766**, and **29.5281, 44.8084, 24.8619** is the 20% darker color. If you saturate the color by 10%, you get **51.5419, 79.0151, 41.6087**, and if you desaturate by 10%, it is **66.2818, 86.1103, 65.0459**.

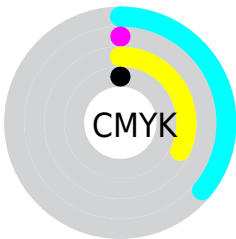
Distribution



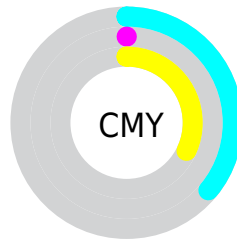
- Red (64%)
- Green (100%)
- Blue (68%)



- Red (64%)
- Yellow (96%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)





- Cyan (36%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2031, 82.2185, 52.3373 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 58.2031, 82.2185, 52.3373 by changing the saturation by 10% instead.


 58.2031, 82.2185,
52.3373


 58.2031, 82.2185,
52.3373


407.8840,
502.3783, 412.7313

 42.2158, 61.5457,
36.8899


 101.3398,
136.4804, 95.0601

 29.4622, 44.6657,
24.8271


 129.2200,
170.8382, 123.1727

 19.5768, 31.1942,
15.7305

161.7952,
210.5264, 156.3440

 12.1942, 20.7468,
9.1813

199.4308,
255.9296, 194.9926

 6.9492, 12.9390,
4.7612

242.4921,
307.4319, 239.5371

 3.4764, 7.3866,
2.0516


291.3445,


 1.4104, 3.7050,


365.4179, 290.3961


0.5867


346.3533,
430.2719, 347.9880


 0.2636, 1.5100,
0.0000


 0.0000, 0.2957,
0.0000


 58.2031, 82.2185,
52.3373


 58.2031, 82.2185,
52.3373


 51.5419, 79.0151,
41.6087


 66.2818, 86.1103,
65.0459

 46.2143, 76.4590,
32.7567

 75.8518, 90.7267,
79.8229

 42.1303, 74.5062,
25.6745

 86.9840, 96.1023,
96.7564

 39.1875, 73.1063,
20.2430

95.0500, 100.0000,
108.9000

■ 37.2675, 72.2011,
16.3285

■ 36.2242, 71.7187,
13.7762

■ 35.9965, 71.6146,
13.1652

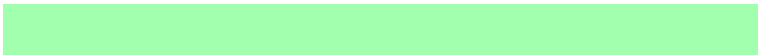
Harmonies

Analogous

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



67.3723, 82.2185, 36.4512



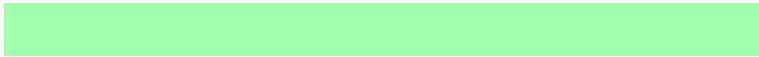
58.2031, 82.2185, 52.3373



54.3919, 82.2185, 82.9870

Triad

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



58.2031, 82.2185, 52.3373



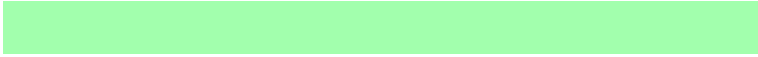
75.8298, 82.2185, 189.7049



105.0159, 82.2185, 60.8787

Complementary

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



58.2031, 82.2185, 52.3373



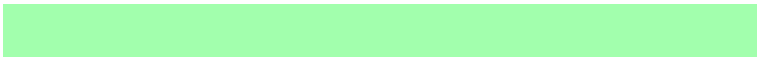
70.4895, 53.6327, 92.2239

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.



107.9705, 82.2185, 96.3914



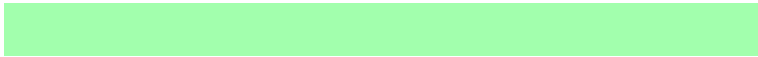
58.2031, 82.2185, 52.3373



90.0115, 82.2185, 178.5723

Square

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



58.2031, 82.2185, 52.3373



63.7677, 82.2185, 168.1632



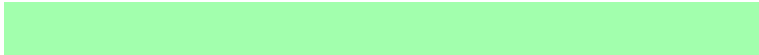
102.1924, 82.2185, 141.1236



94.5384, 82.2185, 40.2576

Rectangle

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



58.2031, 82.2185, 52.3373



55.0293, 82.2185, 110.8536



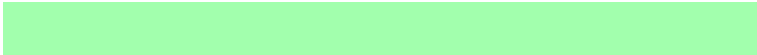
102.1924, 82.2185, 141.1236



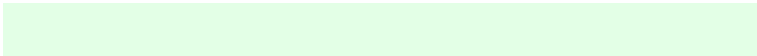
106.9707, 82.2185, 71.1191

Sweetspot

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



58.2036, 82.2187, 52.3386



81.7434, 93.5710, 88.8132



79.6421, 93.3886, 48.0112



17.1744, 19.8725, 18.5197



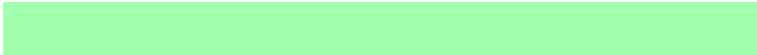
0.0000, 0.0000, 0.0000



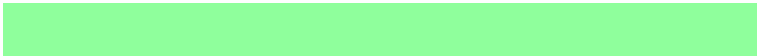
20.3446, 21.4041, 23.3091

Same Dimension

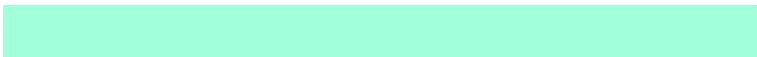
The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.2036, 82.2187, 52.3386



53.0600, 79.7446, 44.0804



63.4929, 84.3345, 80.1918



17.8589, 20.2031, 19.5602



18.8363, 37.4311, 7.0231



1.8606, 3.6552, 0.8240

Inverse Universe

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



70.4895, 53.6327, 92.2239



67.0185, 47.2394, 89.3757



64.3134, 51.1622, 59.7008



18.6947, 18.2612, 22.2753



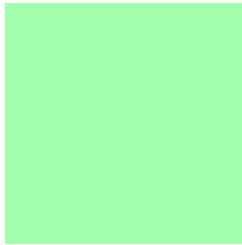
28.6752, 13.9594, 38.5354



2.8171, 1.3692, 3.8840

Previews

White Background



This preview shows how the XYZ color 58.2031, 82.2185, 52.3373 looks on a white background.

Color Contrast Check

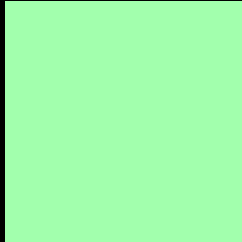
Large Text (above 18pt) WCAG AA × Fail

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 58.2031, 82.2185, 52.3373 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

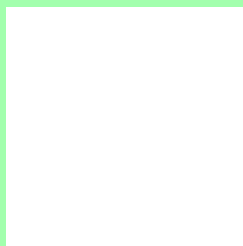
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2031, 82.2185, 52.3373

Background



This preview shows how black text looks on a background with the XYZ color 58.2031, 82.2185, 52.3373.

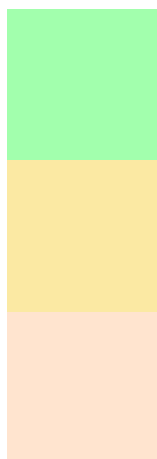


This preview shows how white text looks on a background with the XYZ color 58.2031, 82.2185,

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

58.2031, 82.2185, 52.3373

Protanopia

75.5334, 81.4314, 46.3871

Deuteranopia

80.2459, 81.2518, 70.4852



Tritanopia

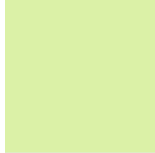
72.5313, 82.0009, 106.6127

Trichromacy



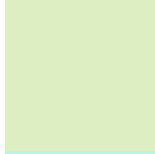
Original Color

58.2031, 82.2185, 52.3373



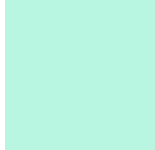
Protanomaly

67.6438, 80.7607, 48.5824



Deuteranomaly

70.2437, 80.4614, 63.4581



Tritanomaly

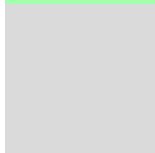
66.3135, 81.5381, 83.4775

Monochromacy



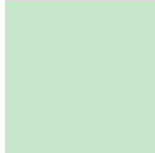
Original Color

58.2031, 82.2185, 52.3373



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

62.5253, 73.4219, 66.7535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2031, 82.2185, 52.3373 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(162, 255, 173)` looks like.

```
.text, #text, p{  
    color:rgb(162, 255, 173)  
}
```

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(162, 255, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 255, 173) }
```

Border

The CSS property to change the border of an element to XYZ 58.2031, 82.2185, 52.3373 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(162, 255, 173) }
```


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

```
.border{ border-color:rgb(162, 255, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 255, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 255, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 255, 173);  
box-shadow:4px 4px 4px 4px rgb(162, 255,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2031, 82.2185, 52.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 255, 173) }
```

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

```
.background{ background-color: rgb(162,  
255, 173) }
```

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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