

Converting Colors

XYZ(58.3777, 82.2751, 53.8575)

Have a look what the booklet for
XYZ(58.3777, 82.2751, 53.8575)
contains.

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Color

**XYZ(58.2944, 82.2317,
53.8742)**

Conversions

Conversions Part 1

Format	Color
Hex	A1FFB0
RGB	161, 255, 176
RGB Percent	63%, 100%, 69%
CMY	0.3686, 0.0000, 0.3098
CMYK	0.37, 0.00, 0.31, 0.00
HSL	130°, 100%, 82%
HSV	130°, 37%, 100%
XYZ	58.2944, 82.2317, 53.8742
YIQ	217.8880, -30.6650, -44.4970

Conversions

Conversions Part 2

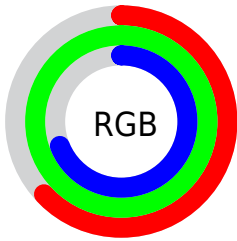
Format	Color
RYB	161, 242, 255
Decimal	10616752
CIELab	92.68, -43.62, 29.19
CIELCh	93, 52.485, 146.213
Yxy	82.2317, 0.2999, 0.4230
Android (android.graphics.Color)	4288806832 (0xFFA1FFB0)
YUV	217.8880, -20.6508, -49.8908
Hunter-Lab	90.6817, -43.9449, 28.2529

Details

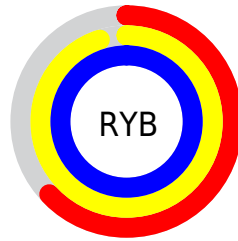
The XYZ color **58.2944, 82.2317, 53.8742** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **69.7130, 53.0413, 89.0007**, and the grayscale version is **66.7160, 70.1904, 76.4374**.

A 20% lighter version of the original color is **79.2389, 92.2516, 89.9739**, and **29.5949, 44.8215, 25.8305** is the 20% darker color. If you saturate the color by 10%, you get **51.7130, 79.0648, 43.3577**, and if you desaturate by 10%, it is **66.2594, 86.0731, 66.2053**.

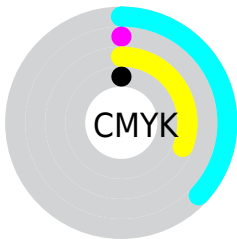
Distribution



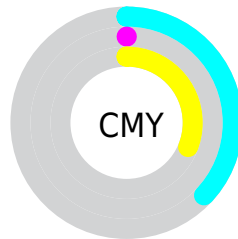
- Red (63%)
- Green (100%)
- Blue (69%)



- Red (63%)
- Yellow (95%)
- Blue (100%)



- Cyan (37%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)




- Cyan (37%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2944, 82.2317, 53.8742 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 58.2944, 82.2317, 53.8742 by changing the saturation by 10% instead.


 58.2944, 82.2317,
53.8742


 58.2944, 82.2317,
53.8742


408.2182,
502.4224, 418.7912

 42.2896, 61.5565,
38.1086


 101.4720,
136.4989, 97.3441

 29.5202, 44.6745,
25.7645


 129.3754,
170.8597, 125.8854

 19.6209, 31.2011,
16.4234


161.9757,
210.5512, 159.5224

 12.2265, 20.7520,
9.6666

199.6383,
255.9577, 198.6736

 6.9714, 12.9429,
5.0758

242.7285,
307.4637, 243.7575

 3.4904, 7.3892,
2.2323

291.6116,

 1.4181, 3.7067,

365.4535, 295.1927

0.6929

346.6531,
430.3116, 353.3978

■ 0.2691, 1.5109,
0.0000

■ 0.0000, 0.2964,
0.0000

■ 58.2944, 82.2317,
53.8742

■ 58.2944, 82.2317,
53.8742

■ 51.7130, 79.0648,
43.3577

■ 66.2594, 86.0731,
66.2053

■ 46.4340, 76.5324,
34.5666

■ 75.6799, 90.6245,
80.4271

■ 42.3698, 74.5915,
27.4096

■ 86.6245, 95.9197,
96.6159

■ 39.4211, 73.1928,
21.7856

95.0500, 100.0000,
108.9000

■ 37.4729, 72.2795,
17.5822

■ 36.3818, 71.7803,
14.6714

■ 36.1549, 71.6780,
13.9998

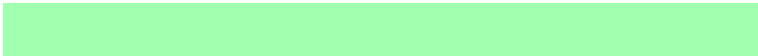
Harmonies

Analogous

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



67.1193, 82.2317, 37.5768



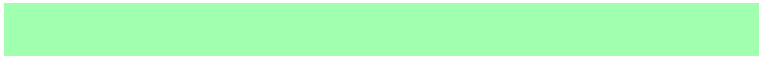
58.2944, 82.2317, 53.8742



54.7661, 82.2317, 84.6582

Triad

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



58.2944, 82.2317, 53.8742



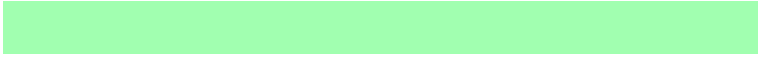
76.4364, 82.2317, 187.5498



104.1771, 82.2317, 60.2448

Complementary

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



58.2944, 82.2317, 53.8742



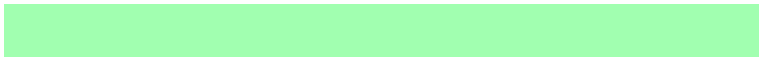
69.7130, 53.0413, 89.0007

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.



107.4128, 82.2317, 94.5984



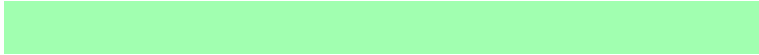
58.2944, 82.2317, 53.8742



90.3469, 82.2317, 175.4225

Square

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



58.2944, 82.2317, 53.8742



64.4404, 82.2317, 167.7559



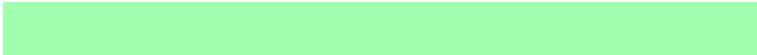
102.0896, 82.2317, 138.2338



93.6978, 82.2317, 40.4319

Rectangle

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



58.2944, 82.2317, 53.8742



55.5488, 82.2317, 112.2296



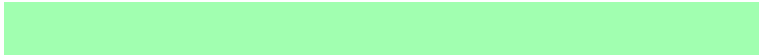
102.0896, 82.2317, 138.2338



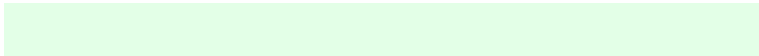
106.1969, 82.2317, 70.1290

Sweetspot

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



58.2949, 82.2319, 53.8755



81.9069, 93.6364, 89.6742



78.4347, 92.7765, 47.4925



17.2131, 19.8880, 18.7232



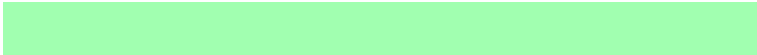
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

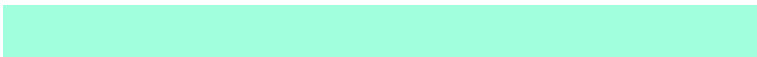
The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.2949, 82.2319, 53.8755



53.4602, 79.9047, 46.1880



63.6565, 84.3765, 82.1091



17.8898, 20.2154, 19.7224



18.9264, 37.4672, 7.4979



1.8751, 3.6610, 0.9000

Inverse Universe

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



69.7130, 53.0413, 89.0007



66.3322, 46.9648, 85.7617



63.7115, 50.6407, 57.3972



18.6608, 18.2476, 22.0968



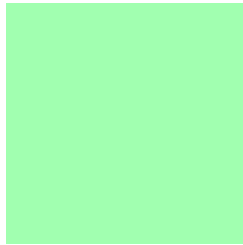
27.9579, 13.6724, 34.7582



2.7541, 1.3440, 3.5523

Previews

White Background



This preview shows how the XYZ color 58.2944, 82.2317, 53.8742 looks on a white background.

Color Contrast Check

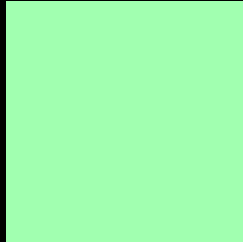
Large Text (above 18pt) WCAG AA × Fail

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 58.2944, 82.2317, 53.8742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

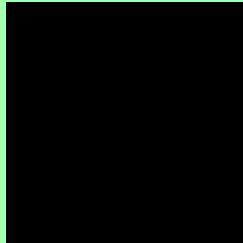
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2944, 82.2317, 53.8742

Background



This preview shows how black text looks on a background with the XYZ color 58.2944, 82.2317, 53.8742.

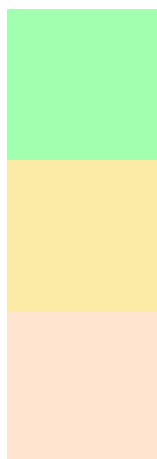


This preview shows how white text looks on a background with the XYZ color 58.2944, 82.2317,

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

58.2944, 82.2317, 53.8742

Protanopia

75.8055, 81.5402, 47.8199

Deuteranopia

80.3686, 81.3009, 71.1313



Tritanopia

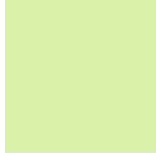
72.2702, 81.8664, 106.6005

Trichromacy



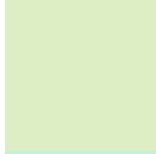
Original Color

58.2944, 82.2317, 53.8742



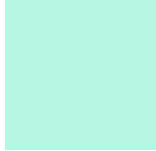
Protanomaly

67.6244, 80.7183, 50.0462



Deuteranomaly

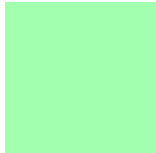
70.3571, 80.5067, 64.0557



Tritanomaly

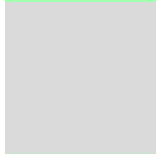
66.2117, 81.4698, 84.1870

Monochromacy



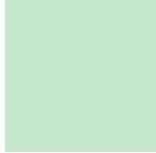
Original Color

58.2944, 82.2317, 53.8742



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

62.3814, 73.3339, 67.3669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2944, 82.2317, 53.8742 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(161, 255, 176)` looks like.

```
.text, #text, p{  
    color:rgb(161, 255, 176)  
}
```

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(161, 255, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 255, 176) }
```

Border

The CSS property to change the border of an element to XYZ 58.2944, 82.2317, 53.8742 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(161, 255, 176) }
```


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

```
.border{ border-color:rgb(161, 255, 176) }
```

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

Here you see how a box with a 4 pixel rgb(161, 255, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 255, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 255, 176);  
box-shadow:4px 4px 4px 4px rgb(161, 255,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2944, 82.2317, 53.8742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 255, 176) }
```

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

```
.background{ background-color: rgb(161,  
255, 176) }
```

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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