

Converting Colors

XYZ(58.4291, 82.1052, 62.7309)

Have a look what the booklet for
XYZ(58.4291, 82.1052, 62.7309)
contains.

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Color

**XYZ(58.4113, 82.0981,
62.6371)**

Conversions

Conversions Part 1

Format	Color
Hex	99FFC0
RGB	153, 255, 192
RGB Percent	60%, 100%, 75%
CMY	0.4000, 0.0000, 0.2470
CMYK	0.40, 0.00, 0.25, 0.00
HSL	143°, 100%, 80%
HSV	143°, 40%, 100%
XYZ	58.4113, 82.0981, 62.6371
YIQ	217.3200, -40.5690, -41.2170

Conversions

Conversions Part 2

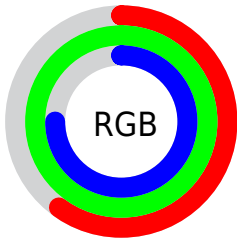
Format	Color
RYB	153, 227, 255
Decimal	10092480
CIELab	92.62, -43.08, 20.94
CIELCh	93, 47.901, 154.083
Yxy	82.0981, 0.2875, 0.4041
Android (android.graphics.Color)	4288282560 (0xFF99FFC0)
YUV	217.3200, -12.4828, -56.4086
Hunter-Lab	90.6080, -43.4923, 22.4386

Details

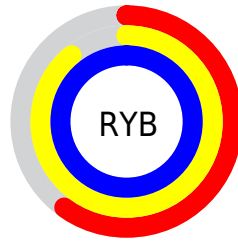
The XYZ color **58.4113, 82.0981, 62.6371** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65.0262, 49.0010, 70.9964**, and the grayscale version is **66.2756, 69.7271, 75.9328**.

A 20% lighter version of the original color is **79.7229, 92.2084, 103.2187**, and **29.6054, 44.7099, 31.1143** is the 20% darker color. If you saturate the color by 10%, you get **52.4488, 79.2153, 53.7312**, and if you desaturate by 10%, it is **65.5902, 85.5863, 72.5775**.

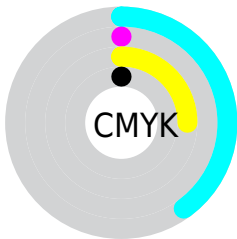
Distribution



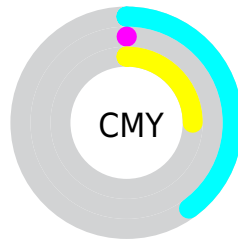
- Red (60%)
- Green (100%)
- Blue (75%)



- Red (60%)
- Yellow (89%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4113, 82.0981, 62.6371 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 58.4113, 82.0981, 62.6371 by changing the saturation by 10% instead.


 58.4113, 82.0981,
62.6371


 58.4113, 82.0981,
62.6371


408.6460,
501.9758, 452.3229

 42.3839, 61.4464,
45.1086

 101.6411,
136.3116, 110.2263

 29.5945, 44.5855,
31.1994


 129.5742,
170.6421, 141.1241

 19.6775, 31.1311,
20.4910


162.2067,
210.3011, 177.3153

 12.2677, 20.6987,
12.5648

199.9038,
255.6728, 219.2186

 6.9998, 12.9039,
7.0024

243.0309,
307.1418, 267.2525

 3.5083, 7.3624,
3.3851

291.9534,

 1.4279, 3.6898,

365.0923, 321.8354

1.2945

347.0367,
429.9089, 383.3861

■ 0.2760, 1.5016,
0.0573

■ 0.0000, 0.2898,
0.0000

■ 58.4113, 82.0981,
62.6371

■ 58.4113, 82.0981,
62.6371

■ 52.4488, 79.2153,
53.7312

■ 65.5902, 85.5863,
72.5775

■ 47.6290, 76.9006,
45.8218

■ 74.0494, 89.7125,
83.5807

■ 43.8723, 75.1139,
38.8745

■ 83.8507, 94.5076,
95.6787

■ 41.0880, 73.8089,
32.8510

95.0500, 100.0000,
108.9000

■ 39.1683, 72.9311,
27.7105

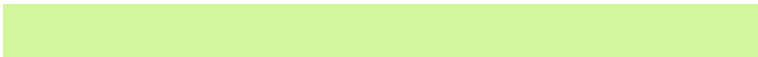
■ 37.9413, 72.3925,
23.4063

■ 37.9412, 72.3925,
23.4060

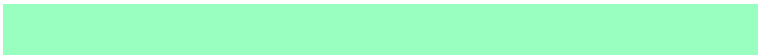
Harmonies

Analogous

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



65.3648, 82.0981, 43.7649



58.4113, 82.0981, 62.6371



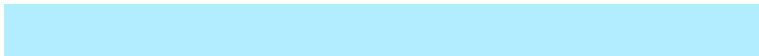
56.4968, 82.0981, 94.3638

Triad

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



58.4113, 82.0981, 62.6371



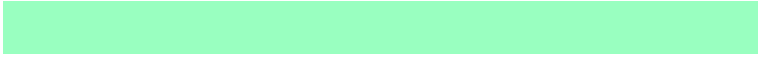
79.7494, 82.0981, 176.7509



99.5971, 82.0981, 56.1984

Complementary

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



58.4113, 82.0981, 62.6371



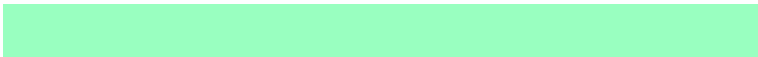
65.0262, 49.0010, 70.9964

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.



104.4429, 82.0981, 84.5958



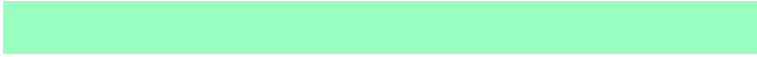
58.4113, 82.0981, 62.6371



92.2378, 82.0981, 159.0873

Square

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



58.4113, 82.0981, 62.6371



68.0246, 82.0981, 166.3673



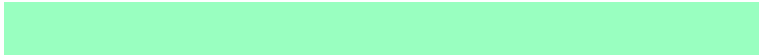
101.6170, 82.0981, 122.8481



88.9752, 82.0981, 40.8010

Rectangle

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



58.4113, 82.0981, 62.6371



58.1445, 82.0981, 120.4036



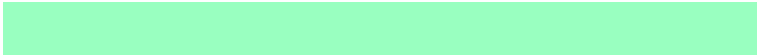
101.6170, 82.0981, 122.8481



102.0040, 82.0981, 64.2208

Sweetspot

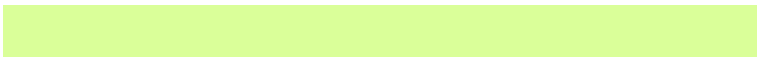
The Sweet Spot groups the original color and five complimentary colors.



58.4119, 82.0984, 62.6384



81.7795, 93.4932, 93.1691



70.3041, 88.6639, 43.5463



17.2212, 19.8729, 19.5965



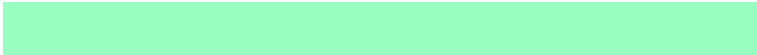
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

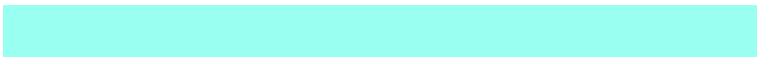
The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.4119, 82.0984, 62.6384



53.5472, 79.7450, 55.4310



64.8343, 84.6673, 96.4582



18.0590, 20.2831, 20.6135



19.8922, 37.8535, 12.5834



1.9881, 3.7062, 1.4954

Inverse Universe

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



65.0262, 49.0010, 70.9964



60.9825, 42.4896, 64.7900



59.5698, 46.8184, 42.2637



18.4810, 18.1757, 21.1502



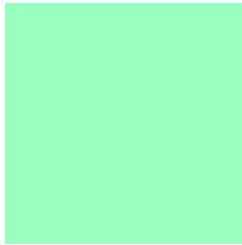
24.8261, 12.4197, 18.2667



2.4706, 1.2306, 2.0595

Previews

White Background



This preview shows how the XYZ color 58.4113, 82.0981, 62.6371 looks on a white background.

Color Contrast Check

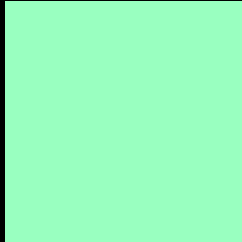
Large Text (above 18pt) WCAG AA × Fail

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 58.4113, 82.0981, 62.6371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

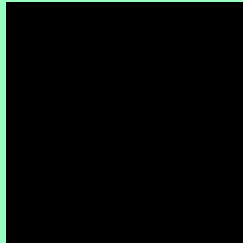
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4113, 82.0981, 62.6371

Background



This preview shows how black text looks on a background with the XYZ color 58.4113, 82.0981, 62.6371.

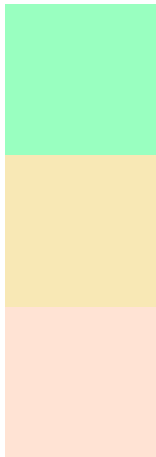


This preview shows how white text looks on a background with the XYZ color 58.4113, 82.0981,

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

58.4113, 82.0981, 62.6371

Protanopia

75.9085, 81.0059, 55.3510

Deuteranopia

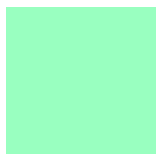
80.5928, 80.9516, 73.6649



Tritanopia

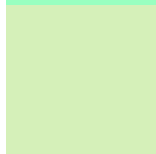
71.4976, 81.4681, 106.5643

Trichromacy



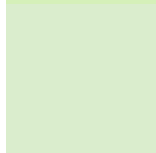
Original Color

58.4113, 82.0981, 62.6371



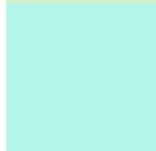
Protanomaly

67.3576, 79.9691, 57.7844



Deuteranomaly

70.2171, 79.8816, 69.4755



Tritanomaly

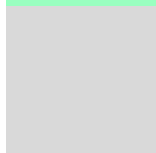
65.8814, 81.2027, 88.5453

Monochromacy



Original Color

58.4113, 82.0981, 62.6371



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.2092, 73.1752, 70.5200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4113, 82.0981, 62.6371 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 192) }
```

Border

The CSS property to change the border of an element to XYZ 58.4113, 82.0981, 62.6371 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, 192) }
```


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

```
.border{ border-color:rgb(153, 255, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4113, 82.0981, 62.6371 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, 192) }
```

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

```
.background{ background-color: rgb(153,  
255, 192) }
```

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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