

Converting Colors

XYZ(58.2609, 82.0379, 61.8449)

Have a look what the booklet for
XYZ(58.2609, 82.0379, 61.8449)
contains.

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Color

**XYZ(58.3008, 82.0539,
62.0554)**

Conversions

Conversions Part 1

Format	Color
Hex	99FFBF
RGB	153, 255, 191
RGB Percent	60%, 100%, 75%
CMY	0.4000, 0.0000, 0.2510
CMYK	0.40, 0.00, 0.25, 0.00
HSL	142°, 100%, 80%
HSV	142°, 40%, 100%
XYZ	58.3008, 82.0539, 62.0554
YIQ	217.2060, -40.2480, -41.5280

Conversions

Conversions Part 2

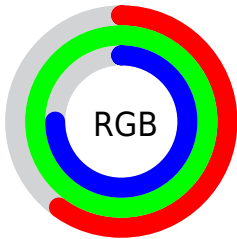
Format	Color
RYB	153, 227, 255
Decimal	10092479
CIELab	92.60, -43.27, 21.42
CIELCh	93, 48.279, 153.663
Yxy	82.0539, 0.2880, 0.4054
Android (android.graphics.Color)	4288282559 (0xFF99FFBF)
YUV	217.2060, -12.9196, -56.3087
Hunter-Lab	90.5836, -43.6364, 22.7912

Details

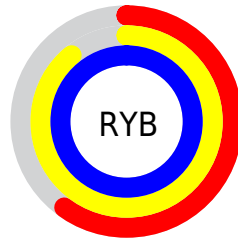
The XYZ color **58.3008, 82.0539, 62.0554** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65.1559, 49.0528, 71.6794**, and the grayscale version is **66.2000, 69.6475, 75.8462**.

A 20% lighter version of the original color is **79.5672, 92.1462, 102.3993**, and **29.5333, 44.6811, 30.7347** is the 20% darker color. If you saturate the color by 10%, you get **52.3254, 79.1659, 53.0814**, and if you desaturate by 10%, it is **65.4982, 85.5495, 72.0933**.

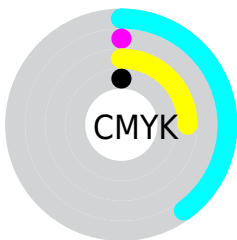
Distribution



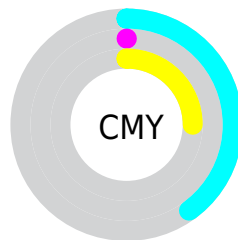
- Red (60%)
- Green (100%)
- Blue (75%)



- 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 58.3008, 82.0539, 62.0554 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 58.3008, 82.0539, 62.0554 by changing the saturation by 10% instead.


 58.3008, 82.0539,
62.0554


 58.3008, 82.0539,
62.0554


408.2417,
501.8280, 450.1464

 42.2947, 61.4100,
44.6414


 101.4812,
136.2496, 109.3780

 29.5243, 44.5561,
30.8342


 129.3863,
170.5701, 140.1236

 19.6240, 31.1079,
20.2152


161.9883,
210.2183, 176.1502

 12.2287, 20.6811,
12.3659

199.6528,
255.5786, 217.8763

 6.9730, 12.8911,
6.8679

242.7450,
307.0353, 265.7204

 3.4914, 7.3536,
3.3024

291.6303,

 1.4186, 3.6842,

364.9728, 320.1011

1.2510

346.6741,
429.7756, 381.4369

■ 0.2694, 1.4985,
0.0212

■ 0.0000, 0.2877,
0.0000

■ 58.3008, 82.0539,
62.0554

■ 58.3008, 82.0539,
62.0554

■ 52.3254, 79.1659,
53.0814

■ 65.4982, 85.5495,
72.0933

■ 47.4979, 76.8482,
45.1319

■ 73.9818, 89.6854,
83.2250

■ 43.7387, 75.0604,
38.1707

■ 83.8136, 94.4928,
95.4839

■ 40.9563, 73.7562,
32.1576

95.0500, 100.0000,
108.9000

■ 39.0428, 72.8809,
27.0496

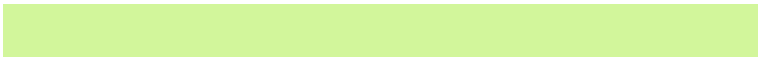
■ 37.8258, 72.3463,
22.7980

■ 37.8257, 72.3463,
22.7977

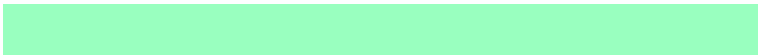
Harmonies

Analogous

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



65.3639, 82.0539, 43.2829



58.3008, 82.0539, 62.0554



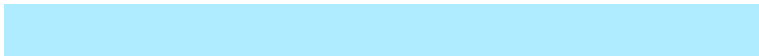
56.3015, 82.0539, 93.8307

Triad

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



58.3008, 82.0539, 62.0554



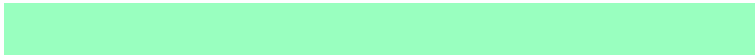
79.5415, 82.0539, 177.5809



99.8481, 82.0539, 56.2492

Complementary

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



58.3008, 82.0539, 62.0554



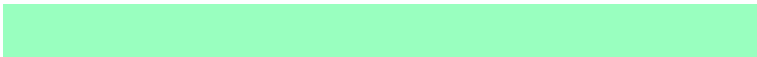
65.1559, 49.0528, 71.6794

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.



104.6355, 82.0539, 85.0002



58.3008, 82.0539, 62.0554



92.1450, 82.0539, 160.0919

Square

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



58.3008, 82.0539, 62.0554



67.7662, 82.0539, 166.6938



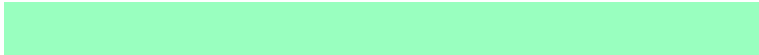
101.6767, 82.0539, 123.6450



89.1931, 82.0539, 40.6163

Rectangle

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



58.3008, 82.0539, 62.0554



57.9096, 82.0539, 120.0496



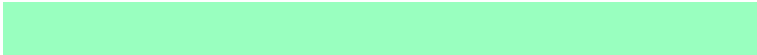
101.6767, 82.0539, 123.6450



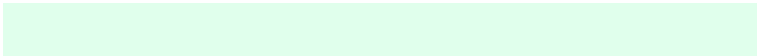
102.2459, 82.0539, 64.3768

Sweetspot

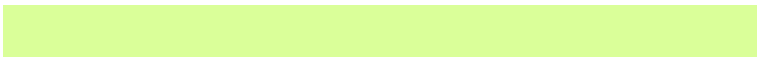
The Sweet Spot groups the original color and five complimentary colors.



58.3014, 82.0542, 62.0567



81.7359, 93.4758, 92.9396



70.3041, 88.6639, 43.5462



17.2109, 19.8688, 19.5426



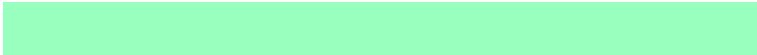
0.0000, 0.0000, 0.0000



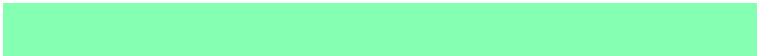
20.3446, 21.4041, 23.3091

Same Dimension

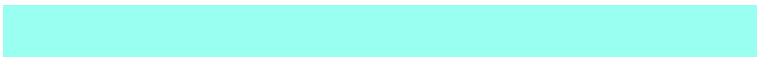
The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.3014, 82.0542, 62.0567



53.4259, 79.6965, 54.7927



64.8343, 84.6673, 96.4582



18.0514, 20.2801, 20.5737



19.8308, 37.8289, 12.2603



1.9816, 3.7036, 1.4610

Inverse Universe

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



65.1559, 49.0528, 71.6794



61.1309, 42.5490, 65.5715



59.5698, 46.8184, 42.2636



18.4888, 18.1788, 21.1913



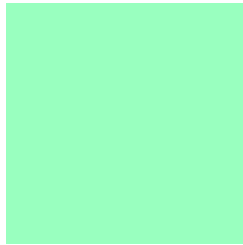
24.9388, 12.4648, 18.8602



2.4811, 1.2348, 2.1150

Previews

White Background



This preview shows how the XYZ color 58.3008, 82.0539, 62.0554 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 58.3008, 82.0539, 62.0554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

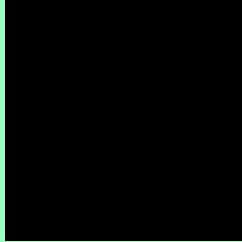
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

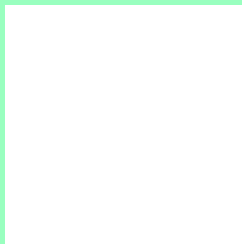
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3008, 82.0539, 62.0554

Background



This preview shows how black text looks on a background with the XYZ color 58.3008, 82.0539, 62.0554.

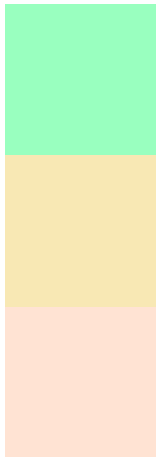


This preview shows how white text looks on a background with the XYZ color 58.3008, 82.0539,

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

58.3008, 82.0539, 62.0554

Protanopia

75.8062, 80.9650, 54.8124

Deuteranopia

80.4670, 80.9013, 73.0025



Tritanopia

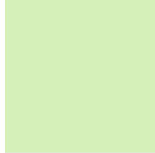
71.4976, 81.4681, 106.5643

Trichromacy



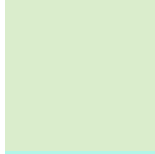
Original Color

58.3008, 82.0539, 62.0554



Protanomaly

67.2524, 79.9270, 57.2303



Deuteranomaly

70.0967, 79.8334, 68.8416



Tritanomaly

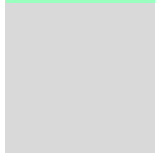
65.8814, 81.2027, 88.5453

Monochromacy



Original Color

58.3008, 82.0539, 62.0554



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 58.3008, 82.0539, 62.0554 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 191) }
```

Border

The CSS property to change the border of an element to XYZ 58.3008, 82.0539, 62.0554 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, 191) }
```


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

```
.border{ border-color:rgb(153, 255, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3008, 82.0539, 62.0554 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, 191) }
```

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

```
.background{ background-color: rgb(153,  
255, 191) }
```

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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