

Converting Colors

XYZ(58.9987, 81.6147, 59.7489)

Have a look what the booklet for
XYZ(58.9987, 81.6147, 59.7489)
contains.

XYZ(58.9952, 81.5198, 59.6392)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.9952, 81.5198,
59.6392)**

Conversions

Conversions Part 1

Format	Color
Hex	A2FDBB
RGB	162, 253, 187
RGB Percent	64%, 99%, 73%
CMY	0.3647, 0.0078, 0.2667
CMYK	0.36, 0.00, 0.26, 0.01
HSL	136°, 96%, 81%
HSV	136°, 36%, 99%
XYZ	58.9952, 81.5198, 59.6392
YIQ	218.2670, -33.0500, -39.8180

Conversions

Conversions Part 2

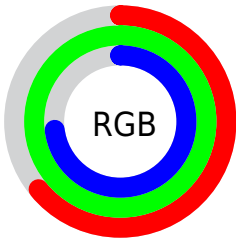
Format	Color
RYB	162, 233, 253
Decimal	10681787
CIELab	92.36, -40.57, 23.19
CIElCh	92, 46.731, 150.244
Yxy	81.5198, 0.2947, 0.4073
Android (android.graphics.Color)	4288871867 (0xFFA2FDBB)
YUV	218.2670, -15.4146, -49.3462
Hunter-Lab	90.2883, -41.3710, 24.0383

Details

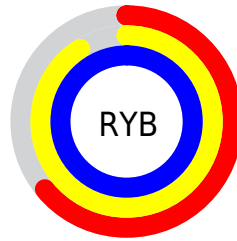
The XYZ color **58.9952, 81.5198, 59.6392** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **67.4346, 52.3265, 79.9478**, and the grayscale version is **66.9460, 70.4324, 76.7008**.

A 20% lighter version of the original color is **81.1511, 93.0511, 98.4776**, and **29.9869, 44.2653, 29.5178** is the 20% darker color. If you saturate the color by 10%, you get **52.5233, 78.3984, 49.7294**, and if you desaturate by 10%, it is **66.7564, 85.2814, 70.9233**.

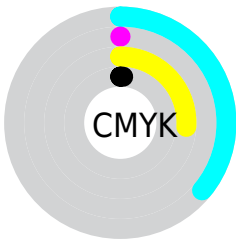
Distribution



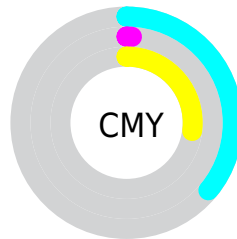
- Red (64%)
- Green (99%)
- Blue (73%)



- Red (64%)
- Yellow (91%)
- Blue (99%)



- Cyan (36%)
- Magenta (0%)
- Yellow (26%)
- Black (1%)





- Cyan (36%)
- Magenta (1%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9952, 81.5198, 59.6392 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 58.9952, 81.5198, 59.6392 by changing the saturation by 10% instead.


 58.9952, 81.5198,
59.6392


 58.9952, 81.5198,
59.6392


410.7785,
500.0400, 441.0343

 42.8556, 60.9698,
42.7045

 102.4854,
135.5004, 105.8443

 29.9659, 44.2008,
29.3236


 130.5666,
169.6998, 135.9519

 19.9606, 30.8284,
19.0781

163.3592,
209.2177, 171.2874

 12.4745, 20.4682,
11.5493

201.2284,
254.4387, 212.2695

 7.1422, 12.7358,
6.3188

244.5395,
305.7470, 259.3167

 3.5983, 7.2469,
2.9680

293.6580,

 1.4775, 3.6170,

363.5270, 312.8475

1.0783

348.9492,
428.1632, 373.2805

■ 0.3104, 1.4617,
0.0000

■ 0.0000, 0.2615,
0.0000

■ 58.9952, 81.5198,
59.6392

■ 58.9952, 81.5198,
59.6392

■ 52.5233, 78.3984,
49.7294

■ 66.7564, 85.2814,
70.9233

■ 47.2623, 75.8710,
41.1356

■ 75.8665, 89.7061,
83.6258

■ 43.1354, 73.9015,
33.8037

■ 86.3890, 94.8280,
97.7958

■ 40.0537, 72.4453,
27.6736

■ 94.4168, 98.7337,
108.6889

■ 37.9141, 71.4506,
22.6799

■ 36.5906, 70.8539,
18.7509

■ 36.2168, 70.6897,
17.4486

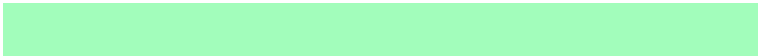
Harmonies

Analogous

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



66.3487, 81.5198, 42.7604



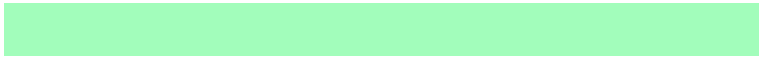
58.9952, 81.5198, 59.6392



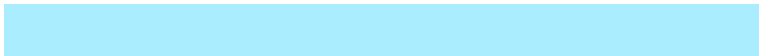
56.4753, 81.5198, 89.0455

Triad

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



58.9952, 81.5198, 59.6392



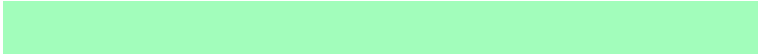
77.5813, 81.5198, 173.4122



99.3592, 81.5198, 59.2626

Complementary

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



58.9952, 81.5198, 59.6392



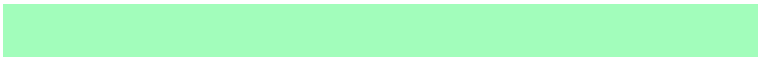
67.4346, 52.3265, 79.9478

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.



103.1423, 81.5198, 88.4775



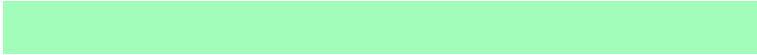
58.9952, 81.5198, 59.6392



89.7962, 81.5198, 159.6274

Square

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



58.9952, 81.5198, 59.6392



66.5037, 81.5198, 160.0478



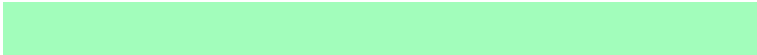
99.4763, 81.5198, 126.0901



89.6068, 81.5198, 42.5861

Rectangle

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



58.9952, 81.5198, 59.6392



57.6467, 81.5198, 113.8599



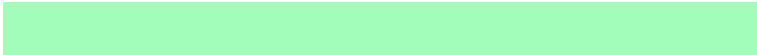
99.4763, 81.5198, 126.0901



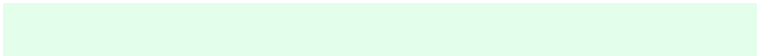
101.4139, 81.5198, 67.6518

Sweetspot

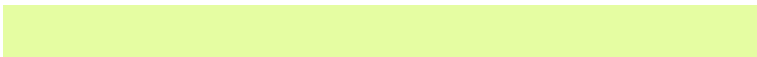
The Sweet Spot groups the original color and five complimentary colors.



58.9974, 81.5232, 59.6410



82.3685, 93.8211, 92.1049



73.8779, 89.4772, 47.5602



17.3223, 19.9317, 19.2986



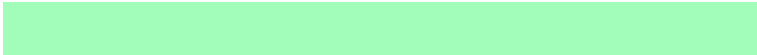
0.0000, 0.0000, 0.0000



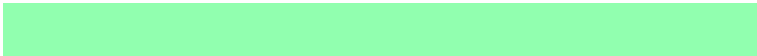
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9974, 81.5232, 59.6410



55.2833, 80.6854, 53.4617



64.5604, 83.7484, 88.9358



17.9766, 20.2502, 20.1796



19.3175, 37.6236, 9.5570



1.9246, 3.6808, 1.1606

Inverse Universe

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



67.4346, 52.3265, 79.9478



64.9928, 47.0475, 76.8016



62.0022, 50.1536, 51.3412



18.5672, 18.2102, 21.6042



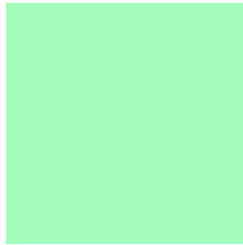
26.1878, 12.9644, 25.4371



2.5959, 1.2808, 2.7197

Previews

White Background



This preview shows how the XYZ color 58.9952, 81.5198, 59.6392 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 58.9952, 81.5198, 59.6392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

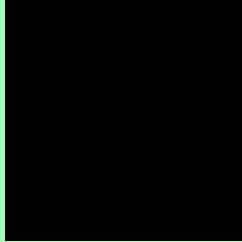
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9952, 81.5198, 59.6392

Background



This preview shows how black text looks on a background with the XYZ color 58.9952, 81.5198, 59.6392.



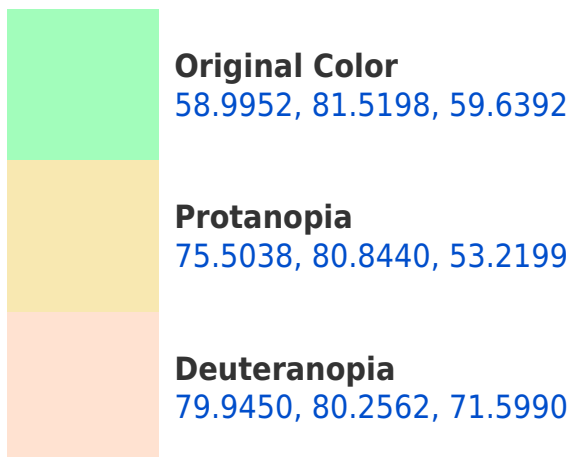
This preview shows how white text looks on a background with the XYZ color 58.9952, 81.5198,

59.6392.

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

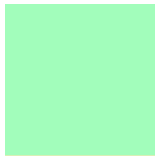




Tritanopia

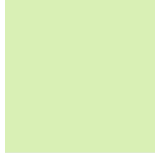
71.4582, 81.0095, 106.4779

Trichromacy



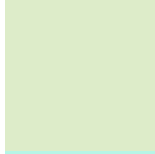
Original Color

58.9952, 81.5198, 59.6392



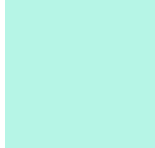
Protanomaly

68.1158, 80.4081, 55.6463



Deuteranomaly

70.3569, 79.5801, 66.9106



Tritanomaly

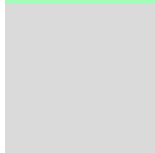
66.2267, 80.9631, 86.9998

Monochromacy



Original Color

58.9952, 81.5198, 59.6392



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.1271, 73.6626, 69.9226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9952, 81.5198, 59.6392 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, 253, 187)` looks like.

```
.text, #text, p{  
    color:rgb(162, 253, 187)  
}
```

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, 253, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 253, 187) }
```

Border

The CSS property to change the border of an element to XYZ 58.9952, 81.5198, 59.6392 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, 253, 187) }
```


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

```
.border{ border-color:rgb(162, 253, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 253, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 253, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 253, 187);  
box-shadow:4px 4px 4px 4px rgb(162, 253,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9952, 81.5198, 59.6392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 253, 187) }
```

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

```
.background{ background-color: rgb(162,  
253, 187) }
```

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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