

Converting Colors

XYZ(59.9585, 81.8211, 76.2292)

Have a look what the booklet for
XYZ(59.9585, 81.8211, 76.2292)
contains.

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Color

**XYZ(59.8406, 81.5896,
76.2128)**

Conversions

Conversions Part 1

Format	Color
Hex	96FDD6
RGB	150, 253, 214
RGB Percent	59%, 99%, 84%
CMY	0.4118, 0.0078, 0.1608
CMYK	0.41, 0.00, 0.15, 0.01
HSL	157°, 96%, 79%
HSV	157°, 41%, 99%
XYZ	59.8406, 81.5896, 76.2128
YIQ	217.7570, -48.8690, -33.9650

Conversions

Conversions Part 2

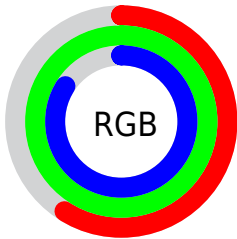
Format	Color
RYB	150, 214, 253
Decimal	9895382
CIELab	92.39, -38.68, 9.31
CIELCh	92, 39.780, 166.467
Yxy	81.5896, 0.2749, 0.3749
Android (android.graphics.Color)	4288085462 (0xFF96FDD6)
YUV	217.7570, -1.8522, -59.4229
Hunter-Lab	90.3270, -39.8179, 13.2033

Details

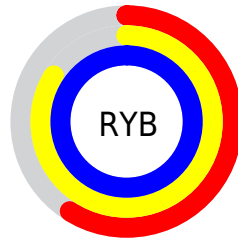
The XYZ color **59.8406, 81.5896, 76.2128** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **60.6025, 46.3716, 53.9039**, and the grayscale version is **66.5115, 69.9753, 76.2031**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **30.5121, 44.3102, 39.7455** is the 20% darker color. If you saturate the color by 10%, you get **54.4906, 78.9710, 69.7633**, and if you desaturate by 10%, it is **66.2721, 84.7617, 83.0921**.

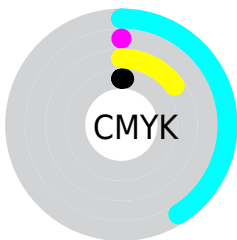
Distribution



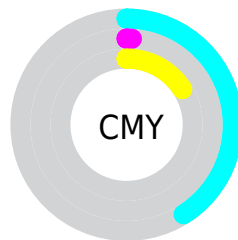
- Red (59%)
- Green (99%)
- Blue (84%)



- Red (59%)
- Yellow (84%)
- Blue (99%)



- Cyan (41%)
- Magenta (0%)
- Yellow (15%)
- Black (1%)





- Cyan (41%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8406, 81.5896, 76.2128 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 59.8406, 81.5896, 76.2128 by changing the saturation by 10% instead.

 59.8406, 81.5896,
76.2128

 59.8406, 81.5896,
76.2128


413.8541,
500.2739, 501.4421

 43.5391, 61.0273,
56.0993

 103.7061,
135.5983, 129.7905

 30.5047, 44.2472,
39.8780


 132.0008,
169.8136, 164.0918

 20.3720, 30.8649,
27.1304


165.0239,
209.3486, 203.9595

 12.7755, 20.4960,
17.4379

203.1409,
254.5877, 249.8120

 7.3501, 12.7561,
10.3819

246.7171,
305.9154, 302.0680

 3.7303, 7.2608,
5.5440

296.1178,

 1.5507, 3.6257,

363.7161, 361.1460

2.5056

351.7083,
428.3741, 427.4645

0.3599, 1.4665,
0.8431

0.0000, 0.2650,
0.0000

59.8406, 81.5896,
76.2128

59.8406, 81.5896,
76.2128

54.4906, 78.9710,
69.7633

66.2721, 84.7617,
83.0921

50.1488, 76.8617,
63.7285

73.8391, 88.5086,
90.4048

46.7432, 75.2271,
58.1003

82.5997, 92.8623,
98.1613

44.1887, 74.0234,
52.8679

92.6063, 97.8495,
106.3702

■ 42.3838, 73.1984,
48.0197

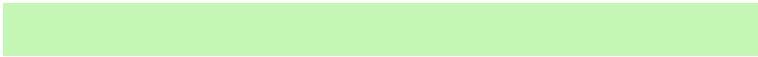
94.4167, 98.7334,
108.6889

■ 41.2298, 72.6946,
43.8471

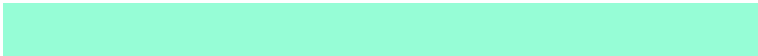
Harmonies

Analogous

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



64.0563, 81.5896, 55.2128



59.8406, 81.5896, 76.2128



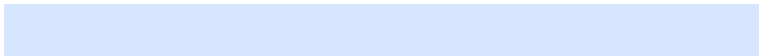
60.0617, 81.5896, 105.9076

Triad

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



59.8406, 81.5896, 76.2128



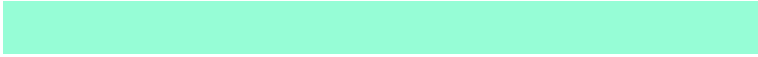
83.3000, 81.5896, 155.0992



92.0073, 81.5896, 53.7302

Complementary

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



59.8406, 81.5896, 76.2128



60.6025, 46.3716, 53.9039

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.



98.1372, 81.5896, 73.7073



59.8406, 81.5896, 76.2128



92.8135, 81.5896, 133.9185

Square

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



59.8406, 81.5896, 76.2128



73.0051, 81.5896, 156.1919



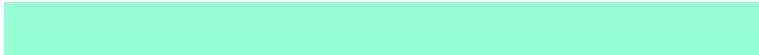
98.4446, 81.5896, 102.7840



82.2765, 81.5896, 44.3101

Rectangle

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



59.8406, 81.5896, 76.2128



62.6848, 81.5896, 127.0001



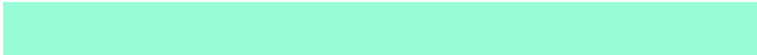
98.4446, 81.5896, 102.7840



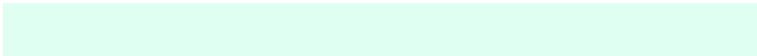
94.5936, 81.5896, 59.2057

Sweetspot

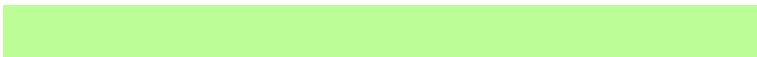
The Sweet Spot groups the original color and five complimentary colors.



59.8429, 81.5929, 76.2147



82.8647, 93.9273, 98.8837



61.7393, 83.3367, 41.6872



17.4764, 19.9749, 20.9404



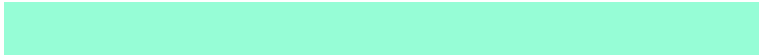
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



59.8429, 81.5929, 76.2147



56.3202, 80.8084, 72.1016



61.7603, 76.4798, 104.4392



18.2462, 20.3580, 21.5993



22.0050, 38.6986, 23.7095



2.1957, 3.7892, 2.5886

Inverse Universe

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



60.6025, 46.3716, 53.9039



57.2014, 40.4274, 46.5737



58.9388, 48.9334, 35.1942



18.2939, 18.1009, 20.1649



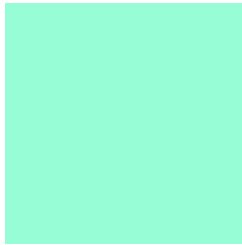
22.7322, 11.5822, 7.2402



2.2645, 1.1482, 0.9741

Previews

White Background



This preview shows how the XYZ color 59.8406, 81.5896, 76.2128 looks on a white background.

Color Contrast Check

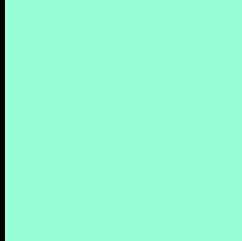
Large Text (above 18pt) WCAG AA × Fail

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 59.8406, 81.5896, 76.2128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

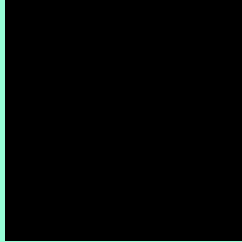
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8406, 81.5896, 76.2128

Background



This preview shows how black text looks on a background with the XYZ color 59.8406, 81.5896, 76.2128.



This preview shows how white text looks on a background with the XYZ color 59.8406, 81.5896,

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

59.8406, 81.5896, 76.2128

Protanopia

76.3176, 80.5183, 68.0191

Deuteranopia

81.3500, 80.3844, 80.3354



Tritanopia

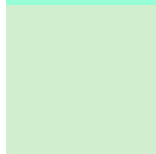
70.4916, 80.9494, 106.5172

Trichromacy



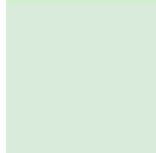
Original Color

59.8406, 81.5896, 76.2128



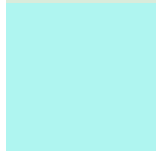
Protanomaly

68.4235, 79.7933, 70.8268



Deuteranomaly

71.1098, 79.2828, 78.5731



Tritanomaly

66.0598, 80.7100, 94.5350

Monochromacy



Original Color

59.8406, 81.5896, 76.2128



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.0926, 73.4990, 76.5070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8406, 81.5896, 76.2128 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(150, 253, 214)` looks like.

```
.text, #text, p{  
    color:rgb(150, 253, 214)  
}
```

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(150, 253, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 253, 214) }
```

Border

The CSS property to change the border of an element to XYZ 59.8406, 81.5896, 76.2128 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(150, 253, 214) }
```


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

```
.border{ border-color:rgb(150, 253, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 253, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 253, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 253, 214);  
box-shadow:4px 4px 4px 4px rgb(150, 253,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8406, 81.5896, 76.2128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 253, 214) }
```

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

```
.background{ background-color: rgb(150,  
253, 214) }
```

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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