

Converting Colors

XYZ(59.2551, 79.5555, 70.3088)

Have a look what the booklet for
XYZ(59.2551, 79.5555, 70.3088)
contains.

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Color

**XYZ(59.3143, 79.5785,
70.6265)**

Conversions

Conversions Part 1

Format	Color
Hex	9FF9CE
RGB	159, 249, 206
RGB Percent	62%, 98%, 81%
CMY	0.3765, 0.0235, 0.1921
CMYK	0.36, 0.00, 0.17, 0.02
HSL	151°, 88%, 80%
HSV	151°, 36%, 98%
XYZ	59.3143, 79.5785, 70.6265
YIQ	217.1880, -39.8370, -32.4530

Conversions

Conversions Part 2

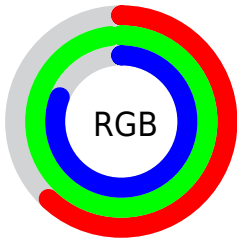
Format	Color
R _Y B	159, 218, 249
Decimal	10484174
CIE Lab	91.50, -36.06, 12.21
CIE LCh	91, 38.075, 161.297
Yxy	79.5785, 0.2831, 0.3798
Android (android.graphics.Color)	4288674254 (0xFF9FF9CE)
YUV	217.1880, -5.5157, -51.0309
Hunter-Lab	89.2068, -37.4258, 15.5039

Details

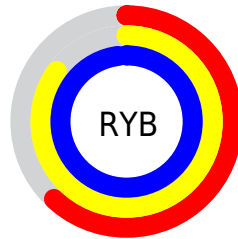
The XYZ color **59.3143, 79.5785, 70.6265** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **62.1284, 49.2021, 62.1026**, and the grayscale version is **66.1402, 69.5846, 75.7776**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **30.2261, 42.9093, 36.3950** is the 20% darker color. If you saturate the color by 10%, you get **53.4743, 76.7307, 63.0927**, and if you desaturate by 10%, it is **66.2627, 82.9893, 78.7867**.

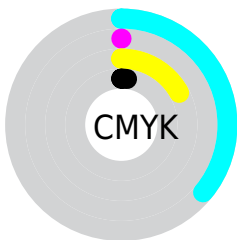
Distribution



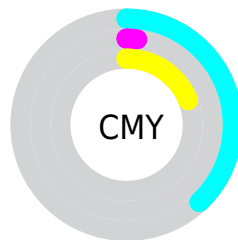
- Red (62%)
- Green (98%)
- Blue (81%)



- Red (62%)
- Yellow (85%)
- Blue (98%)



- Cyan (36%)
- Magenta (0%)
- Yellow (17%)
- Black (2%)




- Cyan (38%)
- Magenta (2%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3143, 79.5785, 70.6265 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 59.3143, 79.5785, 70.6265 by changing the saturation by 10% instead.


 59.3143, 79.5785,
70.6265


 59.3143, 79.5785,
70.6265


411.9410,
493.5112, 481.5951

 43.1135, 59.3716,
51.5575

 102.9463,
132.7730, 121.7912

 30.1691, 42.9123,
36.2727


 131.1083,
166.5293, 154.7240

 20.1157, 29.8163,
24.3535


163.9881,
205.5708, 193.1152

 12.5879, 19.6992,
15.3814

201.9510,
250.2821, 237.3833

 7.2204, 12.1766,
8.9379

245.3624,
301.0473, 287.9467

 3.6479, 6.8641,
4.6045


294.5876,


 1.5049, 3.3772,

358.2510, 345.2242

1.9625


349.9920,
422.2775, 409.6341


 0.3292, 1.3317,
0.5321


 0.0000, 0.1656,
0.0000


 59.3143, 79.5785,
70.6265


 59.3143, 79.5785,
70.6265


 53.4743, 76.7307,
63.0927


 66.2627, 82.9893,
78.7867


 48.6736, 74.4042,
56.1645

 74.3703, 86.9826,
87.5829

 44.8454, 72.5670,
49.8274

 83.6927, 91.5890,
97.0310

 41.9117, 71.1792,
44.0643

 92.9411, 96.1439,
107.0822

■ 39.7819, 70.1943,
38.8570

■ 93.1671, 96.2343,
108.2724

■ 38.3436, 69.5548,
34.1854

■ 37.9085, 69.3668,
32.5214

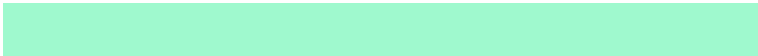
Harmonies

Analogous

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



63.9864, 79.5785, 52.4004



59.3143, 79.5785, 70.6265



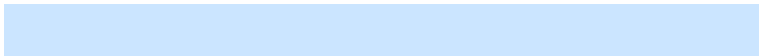
58.7857, 79.5785, 97.5349

Triad

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



59.3143, 79.5785, 70.6265



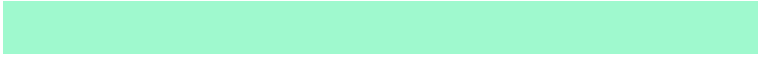
79.3487, 79.5785, 150.2730



90.5288, 79.5785, 55.9668

Complementary

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



59.3143, 79.5785, 70.6265



62.1284, 49.2021, 62.1026

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.



95.4352, 79.5785, 76.6019



59.3143, 79.5785, 70.6265



88.6223, 79.5785, 133.2795

Square

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



59.3143, 79.5785, 70.6265



69.8138, 79.5785, 147.7104



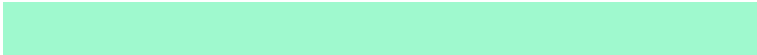
94.7091, 79.5785, 104.9246



81.7752, 79.5785, 45.2698

Rectangle

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



59.3143, 79.5785, 70.6265



60.7964, 79.5785, 117.4539



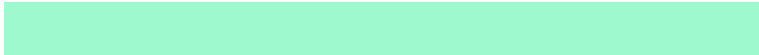
94.7091, 79.5785, 104.9246



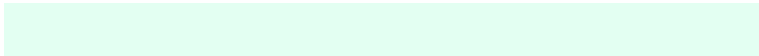
92.7151, 79.5785, 61.7619

Sweetspot

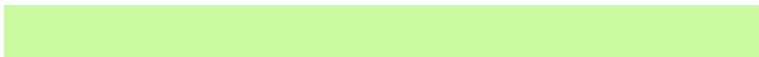
The Sweet Spot groups the original color and five complimentary colors.



59.3165, 79.5818, 70.6283



83.3894, 94.2294, 97.4811



64.6289, 82.8845, 45.3939



17.5650, 20.0288, 20.5763



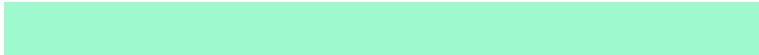
0.0000, 0.0000, 0.0000



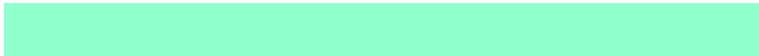
20.3446, 21.4041, 23.3091

Same Dimension

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



59.3165, 79.5818, 70.6283



58.2319, 81.8648, 68.9888



64.8134, 81.0416, 101.8530



17.3960, 19.4607, 20.2859



20.3633, 37.1583, 17.7885



1.9396, 3.4629, 1.9298

Inverse Universe

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



62.1284, 49.2021, 62.1026



61.5821, 45.6832, 58.8411



57.9849, 47.9600, 39.0030



17.5900, 17.3634, 19.6966



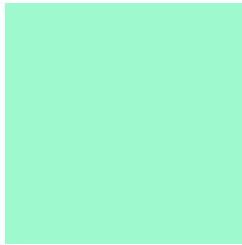
22.7642, 11.5214, 10.7326



2.1616, 1.0884, 1.2742

Previews

White Background



This preview shows how the XYZ color 59.3143, 79.5785, 70.6265 looks on a white background.

Color Contrast Check

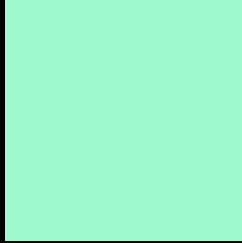
Large Text (above 18pt) WCAG AA × Fail

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 59.3143, 79.5785, 70.6265 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

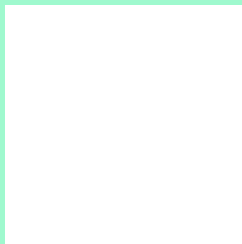
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3143, 79.5785, 70.6265

Background



This preview shows how black text looks on a background with the XYZ color 59.3143, 79.5785, 70.6265.



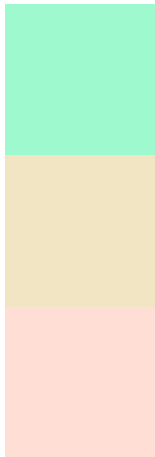
This preview shows how white text looks on a background with the XYZ color 59.3143, 79.5785,

70.6265.

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

59.3143, 79.5785, 70.6265

Protanopia

74.2587, 78.7249, 63.5061

Deuteranopia

79.4989, 78.3576, 74.5528



Tritanopia

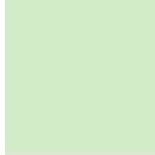
68.9241, 79.2673, 106.2752

Trichromacy



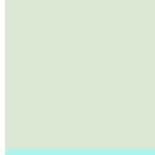
Original Color

59.3143, 79.5785, 70.6265



Protanomaly

67.2847, 78.0099, 66.1547



Deuteranomaly

70.1297, 77.6320, 72.9163



Tritanomaly

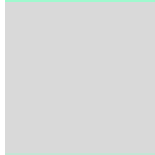
65.2411, 79.4457, 92.0167

Monochromacy



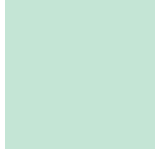
Original Color

59.3143, 79.5785, 70.6265



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.7945, 72.5785, 73.6502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3143, 79.5785, 70.6265 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(159, 249, 206)` looks like.

```
.text, #text, p{  
    color:rgb(159, 249, 206)  
}
```

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(159, 249, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 249, 206) }
```

Border

The CSS property to change the border of an element to XYZ 59.3143, 79.5785, 70.6265 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(159, 249, 206) }
```


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

```
.border{ border-color:rgb(159, 249, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 249, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 249, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 249, 206);  
box-shadow:4px 4px 4px 4px rgb(159, 249,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3143, 79.5785, 70.6265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 249, 206) }
```

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

```
.background{ background-color: rgb(159,  
249, 206) }
```

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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