

Converting Colors

XYZ(59.6588, 71.9822,
102.8432)

Have a look what the booklet for
XYZ(59.6588, 71.9822, 102.8432)
contains.

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Color

**XYZ(59.6585, 71.9815,
102.8449)**

Conversions

Conversions Part 1

Format	Color
Hex	98E9FC
RGB	152, 233, 252
RGB Percent	60%, 91%, 99%
CMY	0.4039, 0.0863, 0.0118
CMYK	0.40, 0.08, 0.00, 0.01
HSL	191°, 94%, 79%
HSV	191°, 40%, 99%
XYZ	59.6585, 71.9815, 102.8449
YIQ	210.9470, -54.3750, -11.2630

Conversions

Conversions Part 2

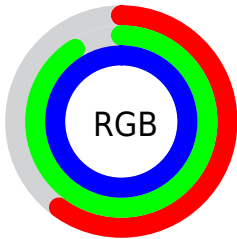
Format	Color
R_{YB}	152, 197, 252
Decimal	10021372
CIE _{Lab}	87.96, -20.00, -16.99
CIE _{LCh}	88, 26.243, 220.352
Yxy	71.9815, 0.2544, 0.3070
Android (android.graphics.Color)	4288211452 (0xFF98E9FC)
YUV	210.9470, 20.2391, -51.6965
Hunter-Lab	84.8419, -22.9571, -12.4817

Details

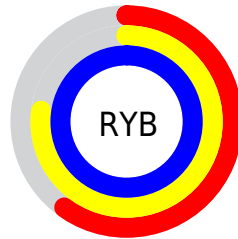
The XYZ color **59.6585, 71.9815, 102.8449** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **60.3765, 52.0894, 36.5798**, and the grayscale version is **61.7801, 64.9975, 70.7822**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **30.2918, 37.8173, 57.3327** is the 20% darker color. If you saturate the color by 10%, you get **54.0972, 67.1314, 102.2031**, and if you desaturate by 10%, it is **66.2629, 77.4273, 103.5492**.

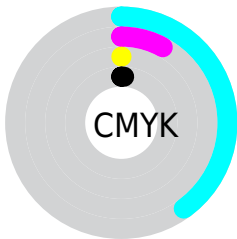
Distribution



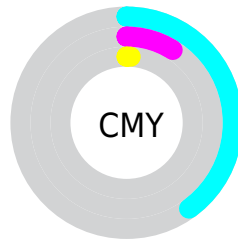
- Red (60%)
- Green (91%)
- Blue (99%)



- Red (60%)
- Yellow (77%)
- Blue (99%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (40%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6585, 71.9815, 102.8449 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 59.6585, 71.9815, 102.8449 by changing the saturation by 10% instead.

■ 59.6585, 71.9815,
102.8449

■ 59.6585, 71.9815,
102.8449

413.1928,
467.4772, 590.6001

■ 43.3918, 53.1436,
78.0485

■ 103.4433,
122.0302, 167.1471

■ 30.3885, 37.9174,
57.5971

■ 131.6921,
154.0098, 207.4900

■ 20.2832, 25.9186,
41.0723

164.6657,
191.1387, 253.8521

■ 12.7105, 16.7627,
28.0554

202.7295,
233.8014, 306.6520

■ 7.3051, 10.0655,
18.1281

246.2487,
282.3822, 366.3082

■ 3.7017, 5.4424,
10.8716

295.5888,

■ 1.5348, 2.5091,

337.2655, 433.2393

5.8675

351.1150,
398.8357, 507.8637

■ 0.3493, 0.8812,
2.6972

■ 0.0000, 0.0000,
0.9420

■ 59.6585, 71.9815,
102.8449

■ 59.6585, 71.9815,
102.8449

■ 54.0972, 67.1314,
102.2031

■ 66.2629, 77.4273,
103.5492

■ 49.5081, 62.8349,
101.6157

■ 73.9625, 83.4910,
104.3138

■ 45.8217, 59.0576,
101.0809

■ 82.8136, 90.2038,
105.1430

■ 42.9561, 55.7567,
100.5948

■ 92.8668, 97.5921,
106.0392

■ 40.8138, 52.8815,
100.1527

94.5709, 99.8084,
106.3772

■ 39.2402, 50.3520,
99.7474

■ 39.1938, 50.2741,
99.7348

Harmonies

Analogous

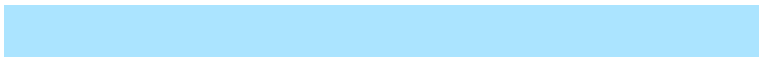
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.2597, 71.9815, 84.7255



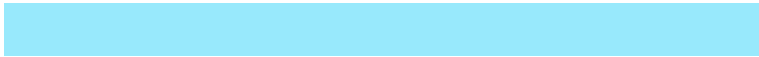
59.6585, 71.9815, 102.8449



64.4535, 71.9815, 115.4723

Triad

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



59.6585, 71.9815, 102.8449



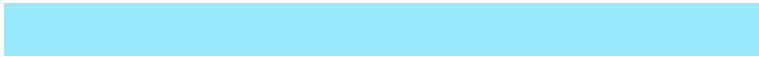
80.3725, 71.9815, 90.5303



66.2790, 71.9815, 49.1540

Complementary

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



59.6585, 71.9815, 102.8449



60.3765, 52.0894, 36.5798

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.



72.5382, 71.9815, 50.2197



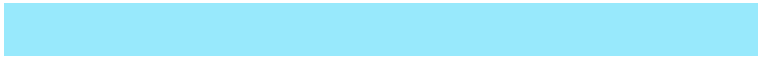
59.6585, 71.9815, 102.8449



80.9352, 71.9815, 72.3512

Square

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



59.6585, 71.9815, 102.8449



76.4980, 71.9815, 107.6468



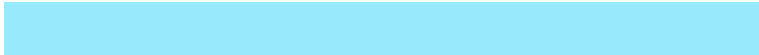
77.9917, 71.9815, 58.1323



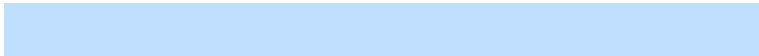
60.9248, 71.9815, 54.9590

Rectangle

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



59.6585, 71.9815, 102.8449



68.4900, 71.9815, 118.0863



77.9917, 71.9815, 58.1323



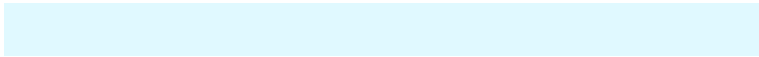
68.3425, 71.9815, 48.7451

Sweetspot

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



59.6607, 71.9843, 102.8466



82.8480, 90.9981, 107.8056



55.0482, 79.2126, 50.5859



17.4717, 19.2806, 23.0506



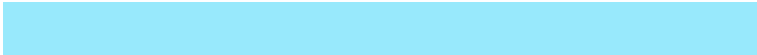
0.0000, 0.0000, 0.0000



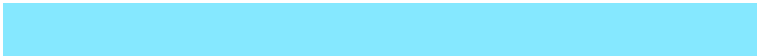
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6607, 71.9843, 102.8466



56.4451, 69.7446, 105.0948



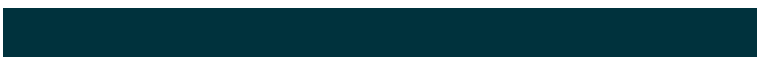
47.5927, 47.8483, 98.8239



17.4691, 19.0151, 22.1348



20.5196, 26.3947, 51.9868



1.9701, 2.5840, 4.8381

Inverse Universe

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



66.0829, 49.0371, 83.0760



64.1024, 43.7375, 81.2188



71.4947, 74.3257, 40.2858



17.8433, 17.4647, 21.0307



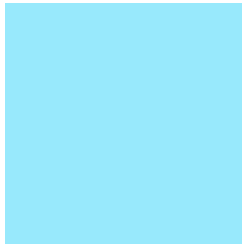
26.6494, 13.0755, 31.1916



2.5034, 1.2251, 3.0741

Previews

White Background



This preview shows how the XYZ color 59.6585, 71.9815, 102.8449 looks on a white background.

Color Contrast Check

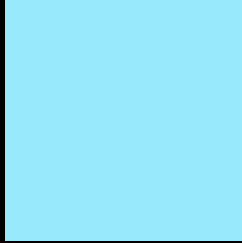
Large Text (above 18pt) WCAG AA × Fail

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 59.6585, 71.9815, 102.8449 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 59.6585, 71.9815, 102.8449

Background



This preview shows how black text looks on a background with the XYZ color 59.6585, 71.9815, 102.8449.

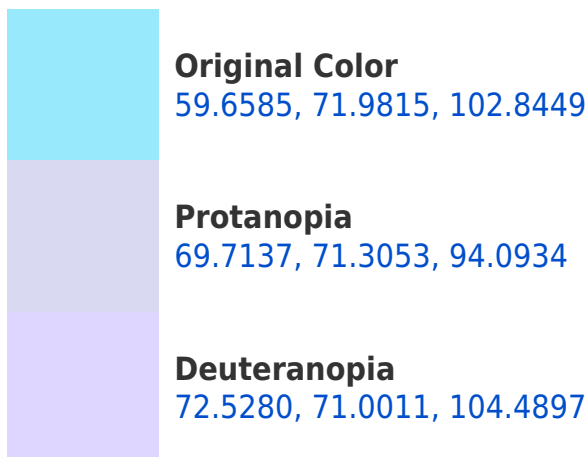


This preview shows how white text looks on a background with the XYZ color 59.6585, 71.9815,

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

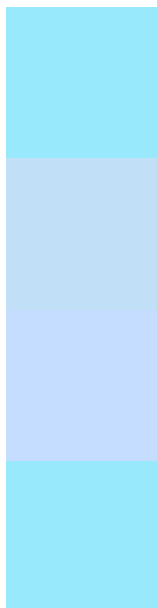




Tritanopia

59.6585, 71.9815, 102.8449

Trichromacy



Original Color

59.6585, 71.9815, 102.8449

Protanomaly

65.0145, 70.7666, 97.4215

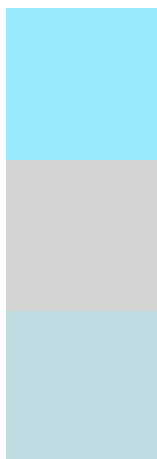
Deuteranomaly

66.7718, 70.7390, 103.9007

Tritanomaly

59.6585, 71.9815, 102.8449

Monochromacy



Original Color

59.6585, 71.9815, 102.8449

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.2942, 67.1012, 81.7255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6585, 71.9815, 102.8449 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(152, 233, 252)` looks like.

```
.text, #text, p{  
    color:rgb(152, 233, 252)  
}
```

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(152, 233, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 233, 252) }
```

Border

The CSS property to change the border of an element to XYZ 59.6585, 71.9815, 102.8449 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(152, 233, 252) }
```


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

```
.border{ border-color:rgb(152, 233, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 233, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 233, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 233, 252);  
box-shadow:4px 4px 4px 4px rgb(152, 233,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6585, 71.9815, 102.8449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 233, 252) }
```

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

```
.background{ background-color: rgb(152,  
233, 252) }
```

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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