

Converting Colors

XYZ(59.2364, 69.5353,
101.0796)

Have a look what the booklet for
XYZ(59.2364, 69.5353, 101.0796)
contains.

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Color

**XYZ(59.2968, 69.7599,
100.7822)**

Conversions

Conversions Part 1

Format	Color
Hex	9FE4FA
RGB	159, 228, 250
RGB Percent	62%, 89%, 98%
CMY	0.3765, 0.1059, 0.0196
CMYK	0.36, 0.09, 0.00, 0.02
HSL	195°, 90%, 80%
HSV	195°, 36%, 98%
XYZ	59.2968, 69.7599, 100.7822
YIQ	209.8770, -48.1860, -7.7860

Conversions

Conversions Part 2

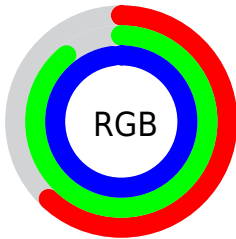
Format	Color
RYB	159, 198, 250
Decimal	10478842
CIELab	86.88, -16.21, -17.53
CIELCh	87, 23.878, 227.251
Yxy	69.7599, 0.2580, 0.3035
Android (android.graphics.Color)	4288668922 (0xFF9FE4FA)
YUV	209.8770, 19.7806, -44.6191
Hunter-Lab	83.5224, -19.4379, -13.0765

Details

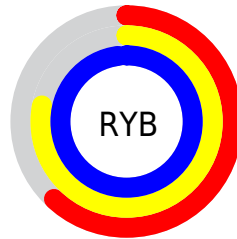
The XYZ color **59.2968, 69.7599, 100.7822** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62.2073, 55.8758, 40.3091**, and the grayscale version is **61.0767, 64.2574, 69.9763**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **30.2747, 36.6657, 56.5205** is the 20% darker color. If you saturate the color by 10%, you get **53.1985, 64.1926, 100.0302**, and if you desaturate by 10%, it is **66.4600, 75.9658, 101.6037**.

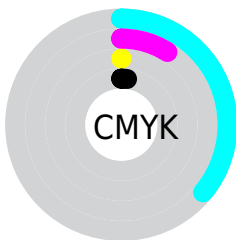
Distribution



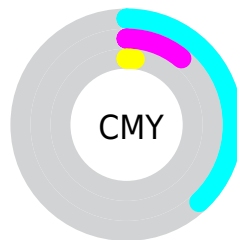
- Red (62%)
- Green (89%)
- Blue (98%)



- Red (62%)
- Yellow (78%)
- Blue (98%)



- Cyan (36%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (38%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2968, 69.7599, 100.7822 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 59.2968, 69.7599, 100.7822 by changing the saturation by 10% instead.

■ 59.2968, 69.7599,
100.7822

■ 59.2968, 69.7599,
100.7822

411.8773,
459.7065, 583.9657

■ 43.0994, 51.3308,
76.3334

■ 102.9211,
118.8663, 164.2929

■ 30.1580, 36.4720,
56.1977

■ 131.0786,
150.3124, 204.1920

■ 20.1072, 24.7989,
39.9564

163.9536,
186.8663, 250.0782

■ 12.5817, 15.9273,
27.1910

201.9114,
228.9124, 302.3701

■ 7.2161, 9.4727,
17.4830

245.3173,
276.8350, 361.4863

■ 3.6452, 5.0508,
10.4139

294.5367,

■ 1.5034, 2.2771,

331.0187, 427.8452

5.5650

349.9349,
391.8477, 501.8655

■ 0.3282, 0.7615,
2.5180

■ 0.0000, 0.0000,
0.8497

■ 59.2968, 69.7599,
100.7822

■ 59.2968, 69.7599,
100.7822

■ 53.1985, 64.1926,
100.0302

■ 66.4600, 75.9658,
101.6037

■ 48.0974, 59.2230,
99.3399

■ 74.7381, 82.8319,
102.4927

■ 43.9275, 54.8181,
98.7094

■ 84.1853, 90.3887,
103.4534

■ 40.6120, 50.9373,
98.1351

■ 93.3618, 97.8948,
104.4186

■ 38.0608, 47.5332,
97.6125

■ 94.2555, 99.6822,
104.7165

■ 36.1616, 44.5471,
97.1362

■ 35.5754, 43.5420,
96.9731

Harmonies

Analogous

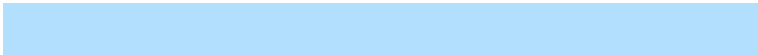
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.5927, 69.7599, 85.4213



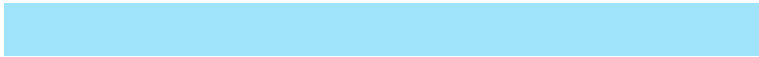
59.2968, 69.7599, 100.7822



63.9689, 69.7599, 109.9753

Triad

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



59.2968, 69.7599, 100.7822



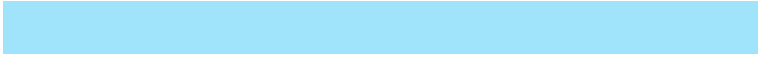
77.3096, 69.7599, 82.9293



63.1788, 69.7599, 50.2665

Complementary

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



59.2968, 69.7599, 100.7822



62.2073, 55.8758, 40.3091

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.



68.6966, 69.7599, 49.7944



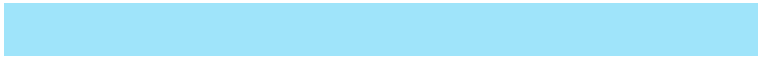
59.2968, 69.7599, 100.7822



77.0687, 69.7599, 67.2183

Square

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



59.2968, 69.7599, 100.7822



74.4850, 69.7599, 98.7391



73.8441, 69.7599, 55.5845



58.7464, 69.7599, 56.9795

Rectangle

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



59.2968, 69.7599, 100.7822



67.6657, 69.7599, 110.6306



73.8441, 69.7599, 55.5845



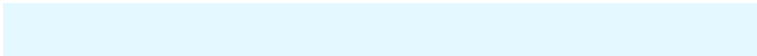
64.9621, 69.7599, 49.4098

Sweetspot

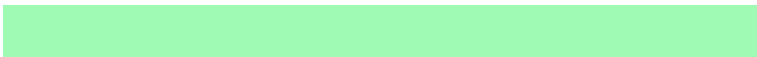
The Sweet Spot groups the original color and five complimentary colors.



59.2989, 69.7626, 100.7838



83.3477, 90.8125, 107.7434



56.7473, 79.0484, 55.5735



17.5539, 19.2086, 23.0324



0.0000, 0.0000, 0.0000



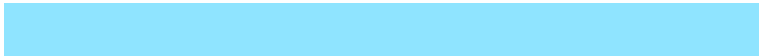
20.3446, 21.4041, 23.3091

Same Dimension

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



59.2989, 69.7626, 100.7838



57.0528, 68.4611, 104.8151



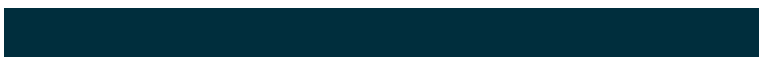
48.5436, 48.2520, 97.1987



17.3895, 18.8558, 22.1083



18.9879, 23.3314, 51.4762



1.8406, 2.3249, 4.7949

Inverse Universe

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



65.8278, 50.7235, 79.7229



65.0190, 46.4395, 78.8464



72.8077, 77.0765, 43.8426



17.8031, 17.4486, 20.8191



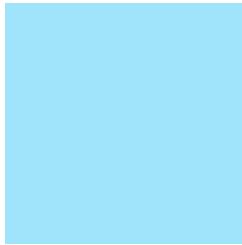
25.8763, 12.7662, 27.1205



2.4380, 1.1989, 2.7298

Previews

White Background



This preview shows how the XYZ color 59.2968, 69.7599, 100.7822 looks on a white background.

Color Contrast Check

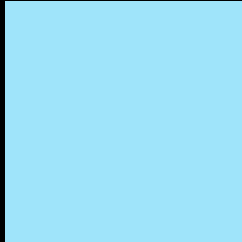
Large Text (above 18pt) WCAG AA × Fail

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 59.2968, 69.7599, 100.7822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

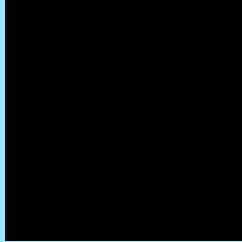
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2968, 69.7599, 100.7822

Background



This preview shows how black text looks on a background with the XYZ color 59.2968, 69.7599, 100.7822.

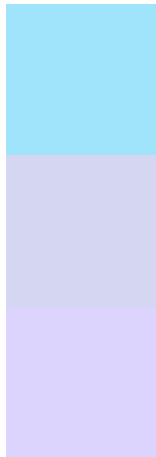


This preview shows how white text looks on a background with the XYZ color 59.2968, 69.7599,

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

59.2968, 69.7599, 100.7822

Protanopia

67.7680, 69.1578, 93.7814

Deuteranopia

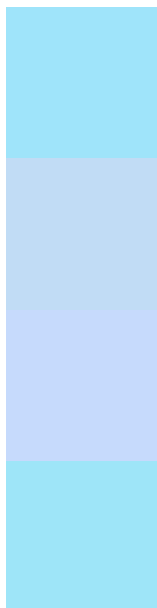
70.7883, 69.3945, 102.5920



Tritanopia

58.9084, 70.0231, 98.4067

Trichromacy



Original Color

59.2968, 69.7599, 100.7822

Protanomaly

64.0669, 69.1164, 96.3503

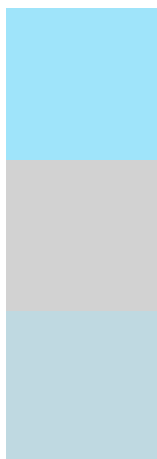
Deuteranomaly

65.9308, 69.1768, 101.9730

Tritanomaly

59.0631, 70.0850, 99.2217

Monochromacy



Original Color

59.2968, 69.7599, 100.7822

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.8893, 66.1383, 80.8436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2968, 69.7599, 100.7822 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, 228, 250)` looks like.

```
.text, #text, p{  
    color:rgb(159, 228, 250)  
}
```

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, 228, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 228, 250) }
```

Border

The CSS property to change the border of an element to XYZ 59.2968, 69.7599, 100.7822 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, 228, 250) }
```


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

```
.border{ border-color:rgb(159, 228, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 228, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 228, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 228, 250);  
box-shadow:4px 4px 4px 4px rgb(159, 228,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2968, 69.7599, 100.7822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 228, 250) }
```

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

```
.background{ background-color: rgb(159,  
228, 250) }
```

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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