

Converting Colors

XYZ(59.7374, 70.9474,
101.2556)

Have a look what the booklet for
XYZ(59.7374, 70.9474, 101.2556)
contains.

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Color

**XYZ(59.6527, 70.7649,
100.9574)**

Conversions

Conversions Part 1

Format	Color
Hex	9EE6FA
RGB	158, 230, 250
RGB Percent	62%, 90%, 98%
CMY	0.3804, 0.0980, 0.0196
CMYK	0.37, 0.08, 0.00, 0.02
HSL	193°, 90%, 80%
HSV	193°, 37%, 98%
XYZ	59.6527, 70.7649, 100.9574
YIQ	210.7520, -49.3320, -9.0440

Conversions

Conversions Part 2

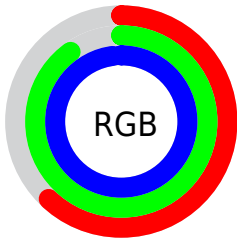
Format	Color
R _Y B	158, 198, 250
Decimal	10413818
CIE Lab	87.37, -17.47, -16.80
CIE LCh	87, 24.240, 223.872
Yxy	70.7649, 0.2578, 0.3058
Android (android.graphics.Color)	4288603898 (0xFF9EE6FA)
YUV	210.7520, 19.3493, -46.2635
Hunter-Lab	84.1219, -20.6349, -12.2705

Details

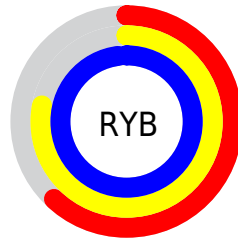
The XYZ color **59.6527, 70.7649, 100.9574** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.5174, 54.6343, 39.6527**, and the grayscale version is **61.6548, 64.8657, 70.6387**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **30.3531, 36.9919, 56.5793** is the 20% darker color. If you saturate the color by 10%, you get **53.7381, 65.5073, 100.2555**, and if you desaturate by 10%, it is **66.6190, 76.6380, 101.7251**.

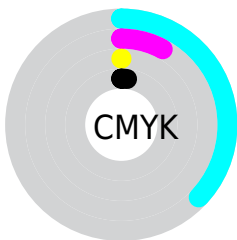
Distribution



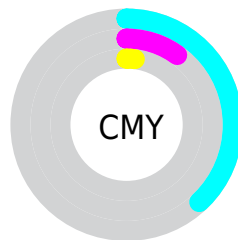
- Red (62%)
- Green (90%)
- Blue (98%)



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



- Cyan (37%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (38%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6527, 70.7649, 100.9574 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 59.6527, 70.7649, 100.9574 by changing the saturation by 10% instead.

■ 59.6527, 70.7649,
100.9574

■ 59.6527, 70.7649,
100.9574

413.1717,
463.2312, 584.5307

■ 43.3872, 52.1504,
76.4790

■ 103.4349,
120.2989, 164.5356

■ 30.3848, 37.1249,
56.3164

■ 131.6823,
151.9872, 204.4725

■ 20.2804, 25.3042,
40.0509

164.6543,
188.8021, 250.3992

■ 12.7085, 16.3039,
27.2642

202.7164,
231.1282, 302.7345

■ 7.3037, 9.7394,
17.5375

246.2338,
279.3497, 361.8967

■ 3.7008, 5.2265,
10.4525

295.5719,

■ 1.5343, 2.3808,

333.8511, 428.3045

5.5905

351.0961,
395.0168, 502.3763

■ 0.3490, 0.8160,
2.5330

■ 0.0000, 0.0000,
0.8576

■ 59.6527, 70.7649,
100.9574

■ 59.6527, 70.7649,
100.9574

■ 53.7381, 65.5073,
100.2555

■ 66.6190, 76.6380,
101.7251

■ 48.8073, 60.8245,
99.6115

■ 74.6868, 83.1479,
102.5564

■ 44.7942, 56.6835,
99.0238

■ 83.9105, 90.3250,
103.4556

■ 41.6218, 53.0440,
98.4885

■ 93.2247, 97.6205,
104.3728

■ 39.1994, 49.8586,
98.0013

■ 94.2555, 99.6822,
104.7165

■ 37.4127, 47.0677,
97.5568

■ 36.9187, 46.2285,
97.4208

Harmonies

Analogous

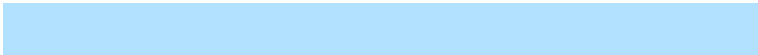
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.1557, 70.7649, 84.8367



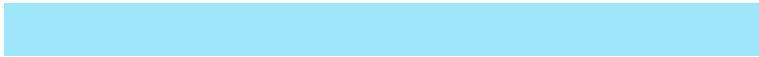
59.6527, 70.7649, 100.9574



64.2564, 70.7649, 111.3697

Triad

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



59.6527, 70.7649, 100.9574



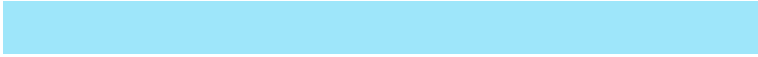
78.3659, 70.7649, 86.1183



64.6623, 70.7649, 50.3822

Complementary

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



59.6527, 70.7649, 100.9574



61.5174, 54.6343, 39.6527

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.



70.3556, 70.7649, 50.6240



59.6527, 70.7649, 100.9574



78.4899, 70.7649, 69.7568

Square

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



59.6527, 70.7649, 100.9574



75.1582, 70.7649, 102.0094



75.4878, 70.7649, 57.2520



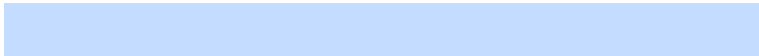
59.9353, 70.7649, 56.5367

Rectangle

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



59.6527, 70.7649, 100.9574



68.0039, 70.7649, 112.8664



75.4878, 70.7649, 57.2520



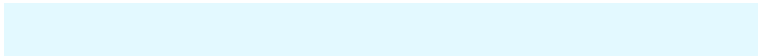
66.5214, 70.7649, 49.7482

Sweetspot

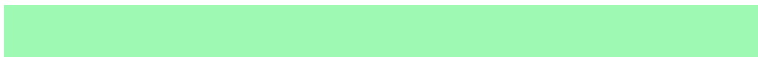
The Sweet Spot groups the original color and five complimentary colors.



59.6549, 70.7677, 100.9590



83.5584, 91.2341, 107.8137



56.3169, 78.8534, 54.3383



17.6043, 19.3096, 23.0492



0.0000, 0.0000, 0.0000



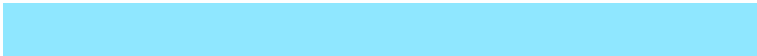
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6549, 70.7677, 100.9590



57.8103, 69.9763, 105.0676



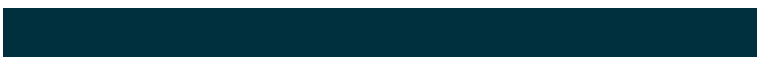
48.5119, 48.4818, 97.2447



17.4269, 18.9307, 22.1208



19.6930, 24.7415, 51.7112



1.9005, 2.4446, 4.8149

Inverse Universe

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



65.9359, 50.4928, 81.1368



65.4014, 46.5925, 80.8600



72.2351, 76.0697, 43.2253



17.8220, 17.4562, 20.9185



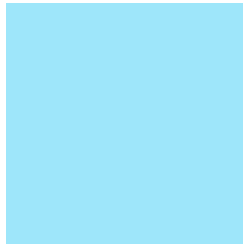
26.2321, 12.9086, 28.9945



2.4682, 1.2110, 2.8888

Previews

White Background



This preview shows how the XYZ color 59.6527, 70.7649, 100.9574 looks on a white background.

Color Contrast Check

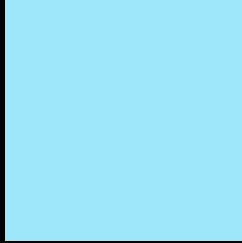
Large Text (above 18pt) WCAG AA × Fail

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 59.6527, 70.7649, 100.9574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

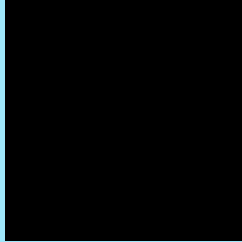
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6527, 70.7649, 100.9574

Background



This preview shows how black text looks on a background with the XYZ color 59.6527, 70.7649, 100.9574.

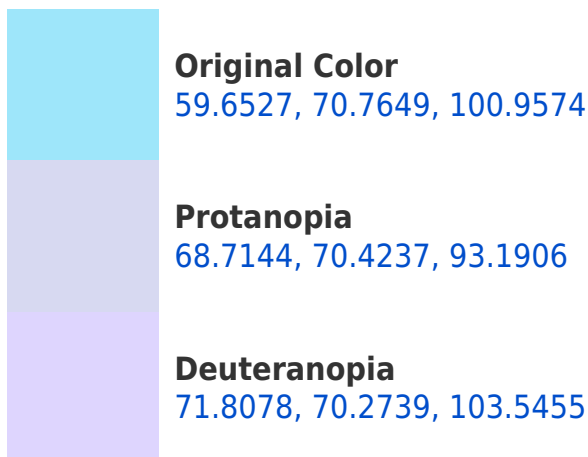


This preview shows how white text looks on a background with the XYZ color 59.6527, 70.7649,

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

59.4962, 70.7023, 100.1337

Trichromacy



Original Color

59.6527, 70.7649, 100.9574

Protanomaly

64.6985, 70.2435, 95.7363

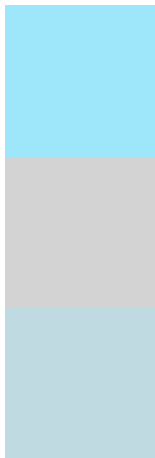
Deuteranomaly

66.6143, 69.8970, 102.9090

Tritanomaly

59.4962, 70.7023, 100.1337

Monochromacy



Original Color

59.6527, 70.7649, 100.9574

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.4002, 66.7855, 80.9416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6527, 70.7649, 100.9574 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(158, 230, 250)` looks like.

```
.text, #text, p{  
    color:rgb(158, 230, 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(158, 230, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 230, 250) }
```

Border

The CSS property to change the border of an element to XYZ 59.6527, 70.7649, 100.9574 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(158, 230, 250) }
```


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

```
.border{ border-color:rgb(158, 230, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 230, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 230, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 230, 250);  
box-shadow:4px 4px 4px 4px rgb(158, 230,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6527, 70.7649, 100.9574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 230, 250) }
```

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

```
.background{ background-color: rgb(158,  
230, 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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