

Converting Colors

XYZ(59.4400, 70.9182,
105.1635)

Have a look what the booklet for
XYZ(59.4400, 70.9182, 105.1635)
contains.

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Color

**XYZ(59.3884, 70.9511,
105.1726)**

Conversions

Conversions Part 1

Format	Color
Hex	97E7FF
RGB	151, 231, 255
RGB Percent	59%, 91%, 100%
CMY	0.4078, 0.0941, 0.0000
CMYK	0.41, 0.09, 0.00, 0.00
HSL	194°, 100%, 80%
HSV	194°, 41%, 100%
XYZ	59.3884, 70.9511, 105.1726
YIQ	209.8160, -55.3840, -9.4960

Conversions

Conversions Part 2

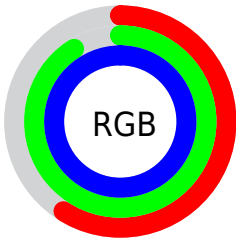
Format	Color
RYB	151, 196, 255
Decimal	9955327
CIELab	87.46, -18.50, -19.32
CIELCh	87, 26.748, 226.246
Yxy	70.9511, 0.2522, 0.3013
Android (android.graphics.Color)	4288145407 (0xFF97E7FF)
YUV	209.8160, 22.2757, -51.5816
Hunter-Lab	84.2325, -21.5548, -15.0667

Details

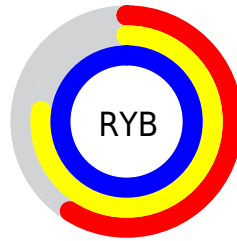
The XYZ color **59.3884, 70.9511, 105.1726** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **62.1564, 54.1547, 36.4570**, and the grayscale version is **61.0242, 64.2022, 69.9162**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **30.1391, 37.1168, 59.0018** is the 20% darker color. If you saturate the color by 10%, you get **53.5390, 65.5334, 104.4351**, and if you desaturate by 10%, it is **66.3205, 77.0125, 105.9772**.

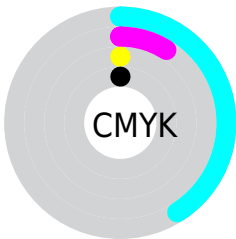
Distribution



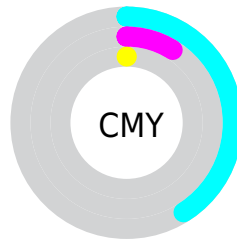
- Red (59%)
- Green (91%)
- Blue (100%)



- Red (59%)
- Yellow (77%)
- Blue (100%)



- Cyan (41%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3884, 70.9511, 105.1726 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 59.3884, 70.9511, 105.1726 by changing the saturation by 10% instead.

59.3884, 70.9511,
105.1726

59.3884, 70.9511,
105.1726

412.2107,
463.8825, 598.0400

43.1734, 52.3023,
79.9865

103.0534,
120.5641, 170.3612

30.2163, 37.2461,
59.1811

131.2341,
152.2971, 211.2007

20.1517, 25.3981,
42.3380

164.1340,
189.1602, 258.0952

12.6143, 16.3739,
29.0385

202.1187,
231.5380, 311.4631

7.2386, 9.7891,
18.8641

245.5533,
279.8146, 371.7230

3.6594, 5.2594,
11.3963

294.8033,

1.5113, 2.4002,

334.3747, 439.2934

6.2165

350.2340,
395.6025, 514.5929

■ 0.3335, 0.8260,
2.9063

■ 0.0000, 0.0000,
1.0470

■ 59.3884, 70.9511,
105.1726

■ 59.3884, 70.9511,
105.1726

■ 53.5390, 65.5334,
104.4351

■ 66.3205, 77.0125,
105.9772

■ 48.6992, 60.7159,
103.7604

■ 74.3907, 83.7418,
106.8507

■ 44.7960, 56.4618,
103.1450

■ 83.6573, 91.1717,
107.7964

■ 41.7433, 52.7259,
102.5848

■ 94.1730, 99.3301,
108.8169

■ 39.4381, 49.4544,
102.0748

95.0500, 100.0000,
108.9000

■ 37.8262, 46.7724,
101.6421

Harmonies

Analogous

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



56.4449, 70.9511, 87.3895



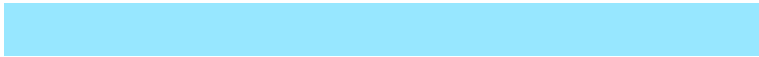
59.3884, 70.9511, 105.1726



64.5928, 70.9511, 116.1645

Triad

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



59.3884, 70.9511, 105.1726



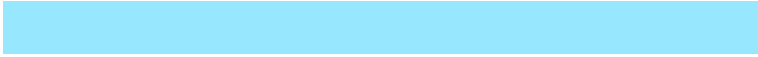
79.9234, 70.9511, 85.8143



64.0988, 70.9511, 48.4619

Complementary

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



59.3884, 70.9511, 105.1726



62.1564, 54.1547, 36.4570

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.



70.3633, 70.9511, 48.1758



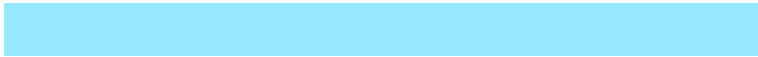
59.3884, 70.9511, 105.1726



79.7705, 70.9511, 67.9336

Square

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



59.3884, 70.9511, 105.1726



76.5870, 70.9511, 103.8655



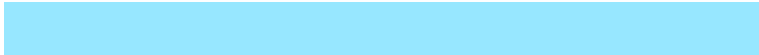
76.1816, 70.9511, 54.7723



59.0463, 70.9511, 55.6264

Rectangle

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



59.3884, 70.9511, 105.1726



68.7657, 70.9511, 117.2048



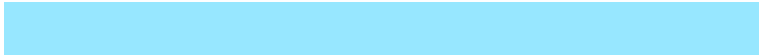
76.1816, 70.9511, 54.7723



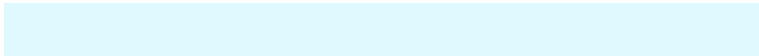
66.1253, 70.9511, 47.6013

Sweetspot

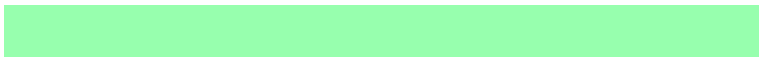
The Sweet Spot groups the original color and five complimentary colors.



59.3904, 70.9538, 105.1730



82.4633, 90.2288, 107.6774



56.1183, 81.1377, 52.5115



17.3807, 19.0987, 23.0203



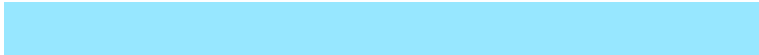
0.0000, 0.0000, 0.0000



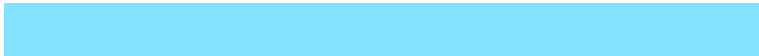
20.3446, 21.4041, 23.3091

Same Dimension

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



59.3904, 70.9538, 105.1730



54.5059, 66.4543, 104.5619



47.2296, 46.6323, 101.1194



18.1786, 19.7289, 23.0999



19.8840, 24.6776, 53.1498



2.0183, 2.5673, 5.2024

Inverse Universe

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



66.7317, 49.1644, 81.5767



62.9799, 42.7388, 77.0030



73.8963, 77.6345, 40.3703



18.6028, 18.2244, 21.7915



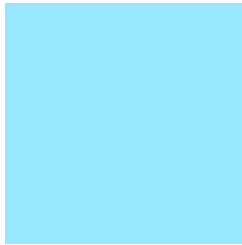
26.8247, 13.2192, 28.7911



2.6534, 1.3037, 3.0220

Previews

White Background



This preview shows how the XYZ color 59.3884, 70.9511, 105.1726 looks on a white background.

Color Contrast Check

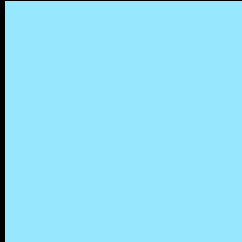
Large Text (above 18pt) WCAG AA × Fail

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 59.3884, 70.9511, 105.1726 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 59.3884, 70.9511, 105.1726

Background



This preview shows how black text looks on a background with the XYZ color 59.3884, 70.9511, 105.1726.

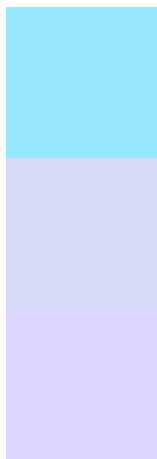


This preview shows how white text looks on a background with the XYZ color 59.3884, 70.9511,

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

59.3884, 70.9511, 105.1726

Protanopia

69.1790, 70.5757, 97.1651

Deuteranopia

71.3100, 70.3732, 104.4327



Tritanopia

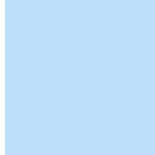
58.6896, 71.0994, 101.0728

Trichromacy



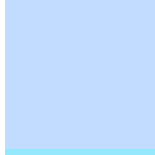
Original Color

59.3884, 70.9511, 105.1726



Protanomaly

64.7060, 70.1585, 99.7541



Deuteranomaly

65.8913, 69.8757, 104.6223



Tritanomaly

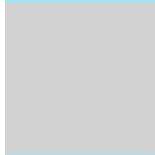
59.0050, 71.2255, 102.7335

Monochromacy



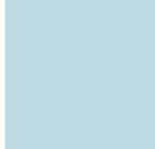
Original Color

59.3884, 70.9511, 105.1726



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

59.7851, 66.4526, 81.6271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3884, 70.9511, 105.1726 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(151, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(151, 231, 255)  
}
```

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(151, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 231, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.3884, 70.9511, 105.1726 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(151, 231, 255) }
```


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

```
.border{ border-color:rgb(151, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(151, 231,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3884, 70.9511, 105.1726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 231, 255) }
```

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

```
.background{ background-color: rgb(151,  
231, 255) }
```

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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