

Converting Colors

XYZ(59.7569, 73.4516,
105.6358)

Have a look what the booklet for
XYZ(59.7569, 73.4516, 105.6358)
contains.

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Color

**XYZ(59.5471, 73.1402,
105.5868)**

Conversions

Conversions Part 1

Format	Color
Hex	90ECFF
RGB	144, 236, 255
RGB Percent	56%, 93%, 100%
CMY	0.4353, 0.0745, 0.0000
CMYK	0.44, 0.07, 0.00, 0.00
HSL	190°, 100%, 78%
HSV	190°, 44%, 100%
XYZ	59.5471, 73.1402, 105.5868
YIQ	210.6580, -60.9310, -13.5950

Conversions

Conversions Part 2

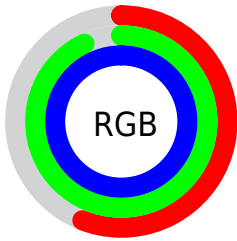
Format	Color
RYB	144, 194, 255
Decimal	9497855
CIELab	88.51, -22.66, -17.76
CIELCh	89, 28.791, 218.097
Yxy	73.1402, 0.2499, 0.3070
Android (android.graphics.Color)	4287687935 (0xFF90ECFF)
YUV	210.6580, 21.8606, -58.4591
Hunter-Lab	85.5220, -25.3780, -13.3349

Details

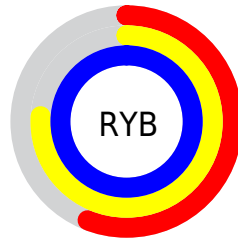
The XYZ color **59.5471, 73.1402, 105.5868** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.3719, 49.4686, 32.8068**, and the grayscale version is **61.5824, 64.7895, 70.5557**.

A 20% lighter version of the original color is **78.1671, 91.2966, 108.1099**, and **30.2606, 38.6510, 59.2916** is the 20% darker color. If you saturate the color by 10%, you get **54.3453, 68.6176, 104.9880**, and if you desaturate by 10%, it is **65.7894, 78.2481, 106.2437**.

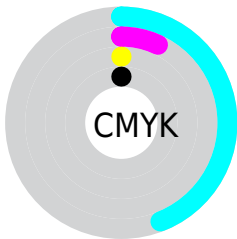
Distribution



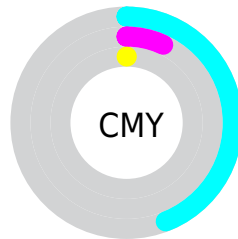
- Red (56%)
- Green (93%)
- Blue (100%)



- Red (56%)
- Yellow (76%)
- Blue (100%)



- Cyan (44%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5471, 73.1402, 105.5868 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 59.5471, 73.1402, 105.5868 by changing the saturation by 10% instead.

59.5471, 73.1402,
105.5868

59.5471, 73.1402,
105.5868

412.7879,
471.5006, 599.3588

43.3018, 54.0906,
80.3317

103.2825,
123.6762, 170.9324

30.3175, 38.6741,
59.4635

131.5032,
155.9314, 211.8598

20.2290, 26.5063,
42.5639

164.4465,
193.3573, 258.8485

12.6708, 17.2028,
29.2142

202.4776,
236.3383, 312.3170

7.2777, 10.3792,
18.9960

245.9620,
285.2587, 372.6836

3.6842, 5.6511,
11.4906

295.2649,

1.5251, 2.6341,

340.5029, 440.3672

6.2795

350.7518,
402.4554, 515.7860

■ 0.3428, 0.9438,
2.9443

■ 0.0000, 0.0000,
1.0662

■ 59.5471, 73.1402,
105.5868

■ 59.5471, 73.1402,
105.5868

■ 54.3453, 68.6176,
104.9880

■ 65.7894, 78.2481,
106.2437

■ 50.1093, 64.6365,
104.4428

■ 73.1285, 83.9657,
106.9605

■ 46.7635, 61.1592,
103.9480

■ 81.6239, 90.3256,
107.7403

■ 44.2186, 58.1395,
103.4992

■ 91.3287, 97.3555,
108.5857

■ 42.3653, 55.5205, 95.0500, 100.0000,
103.0914 108.9000

■ 41.4334, 53.9868,
102.8445

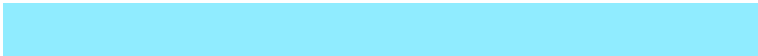
Harmonies

Analogous

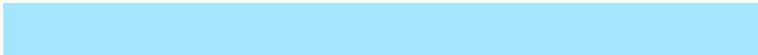
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.1392, 73.1402, 85.1353



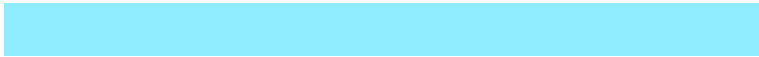
59.5471, 73.1402, 105.5868



64.6630, 73.1402, 120.5632

Triad

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



59.5471, 73.1402, 105.5868



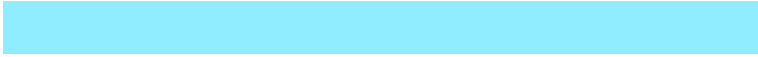
82.6317, 73.1402, 94.7426



67.6572, 73.1402, 47.5086

Complementary

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



59.5471, 73.1402, 105.5868



59.3719, 49.4686, 32.8068

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.



74.6092, 73.1402, 49.2116



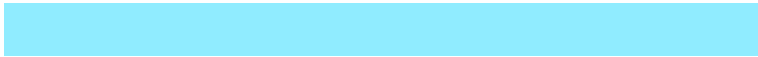
59.5471, 73.1402, 105.5868



83.5658, 73.1402, 74.3812

Square

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



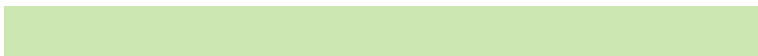
59.5471, 73.1402, 105.5868



78.0696, 73.1402, 113.6130



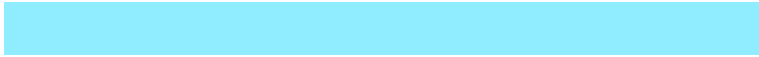
80.5431, 73.1402, 58.3311



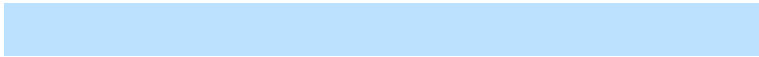
61.6140, 73.1402, 53.2159

Rectangle

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



59.5471, 73.1402, 105.5868



69.0758, 73.1402, 124.2045



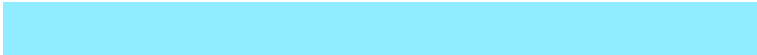
80.5431, 73.1402, 58.3311



69.9612, 73.1402, 47.2543

Sweetspot

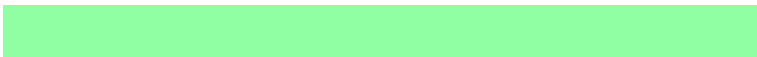
The Sweet Spot groups the original color and five complimentary colors.



59.5491, 73.1429, 105.5872



82.1050, 90.6794, 107.7832



53.8290, 80.0764, 47.0371



17.1476, 19.0949, 23.0318



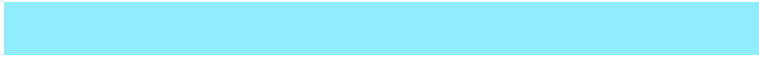
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



59.5491, 73.1429, 105.5872



55.0757, 69.2727, 105.0759



46.0771, 46.1989, 101.0965



18.2748, 19.9211, 23.1319



21.7470, 28.4037, 53.7709



2.1841, 2.8989, 5.2577

Inverse Universe

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



66.3549, 47.2645, 84.9855



62.8578, 41.1211, 81.1965



71.3463, 73.4175, 36.7983



18.6513, 18.2438, 22.0471



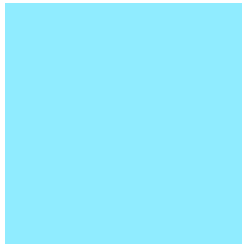
27.7651, 13.5953, 33.7431



2.7370, 1.3372, 3.4627

Previews

White Background



This preview shows how the XYZ color 59.5471, 73.1402, 105.5868 looks on a white background.

Color Contrast Check

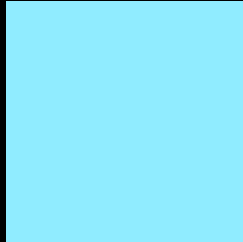
Large Text (above 18pt) WCAG AA × Fail

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 59.5471, 73.1402, 105.5868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

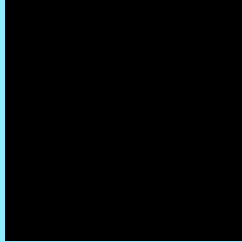
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5471, 73.1402, 105.5868

Background



This preview shows how black text looks on a background with the XYZ color 59.5471, 73.1402, 105.5868.

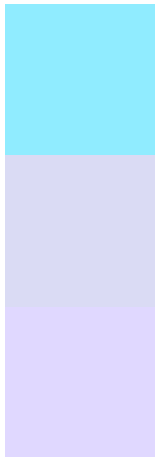


This preview shows how white text looks on a background with the XYZ color 59.5471, 73.1402,

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

59.5471, 73.1402, 105.5868

Protanopia

70.5741, 72.1001, 95.7850

Deuteranopia

73.3463, 72.1790, 104.6739



Tritanopia

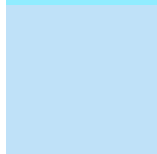
59.5471, 73.1402, 105.5868

Trichromacy



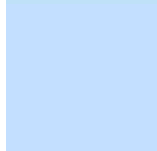
Original Color

59.5471, 73.1402, 105.5868



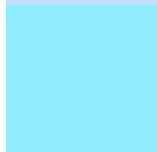
Protanomaly

65.3543, 71.7041, 99.2027



Deuteranomaly

66.9434, 71.5975, 104.8991



Tritanomaly

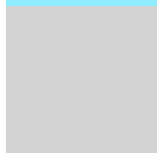
59.5471, 73.1402, 105.5868

Monochromacy



Original Color

59.5471, 73.1402, 105.5868



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

59.9518, 67.2972, 82.5029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5471, 73.1402, 105.5868 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(144, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(144, 236, 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(144, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 236, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.5471, 73.1402, 105.5868 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(144, 236, 255) }
```


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

```
.border{ border-color:rgb(144, 236, 255) }
```

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

Here you see how a box with a 4 pixel rgb(144, 236, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(144, 236,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5471, 73.1402, 105.5868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 236, 255) }
```

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

```
.background{ background-color: rgb(144,  
236, 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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