

Converting Colors

XYZ(62.5359, 76.3034,
120.6274)

Have a look what the booklet for
XYZ(62.5359, 76.3034, 120.6274)
contains.

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Color

**XYZ(59.6913, 74.9434,
105.9272)**

Conversions

Conversions Part 1

Format	Color
Hex	8AF0FF
RGB	138, 240, 255
RGB Percent	54%, 94%, 100%
CMY	0.4588, 0.0588, 0.0000
CMYK	0.46, 0.06, 0.00, 0.00
HSL	188°, 100%, 77%
HSV	188°, 46%, 100%
XYZ	59.6913, 74.9434, 105.9272
YIQ	211.2120, -65.6070, -16.9590

Conversions

Conversions Part 2

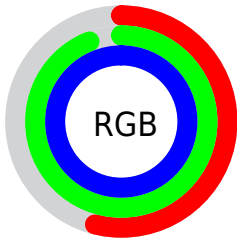
Format	Color
R_{YB}	138, 192, 255
Decimal	9105663
CIE _{Lab}	89.37, -25.98, -16.51
CIE _{LCh}	89, 30.785, 212.427
Yxy	74.9434, 0.2481, 0.3115
Android (android.graphics.Color)	4287295743 (0xFF8AF0FF)
YUV	211.2120, 21.5875, -64.2069
Hunter-Lab	86.5699, -28.4186, -11.9486

Details

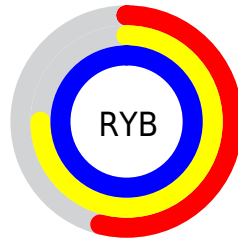
The XYZ color **59.6913, 74.9434, 105.9272** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **57.2193, 45.8781, 29.8863**, and the grayscale version is **61.9517, 65.1780, 70.9788**.

A 20% lighter version of the original color is **76.8360, 90.6103, 108.0476**, and **30.3941, 39.9360, 59.5326** is the 20% darker color. If you saturate the color by 10%, you get **55.0042, 71.1132, 105.4349**, and if you desaturate by 10%, it is **65.3901, 79.3243, 106.4724**.

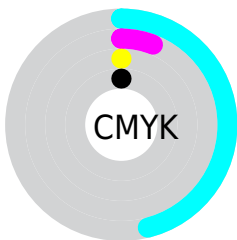
Distribution



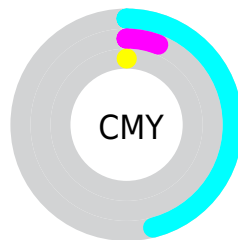
- Red (54%)
- Green (94%)
- Blue (100%)



- Red (54%)
- Yellow (75%)
- Blue (100%)



- Cyan (46%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6913, 74.9434, 105.9272 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 59.6913, 74.9434, 105.9272 by changing the saturation by 10% instead.

59.6913, 74.9434,
105.9272

59.6913, 74.9434,
105.9272

413.3120,
477.7230, 600.4415

43.4184, 55.5665,
80.6154

103.4906,
126.2322, 171.4016

30.4095, 39.8555,
59.6957

131.7477,
158.9130, 212.4013

20.2992, 27.4259,
42.7497

164.7303,
196.7972, 259.4673

12.7222, 17.8933,
29.3589

202.8036,
240.2691, 313.0181

7.3132, 10.8734,
19.1045

246.3331,
289.7133, 373.4725

3.7068, 5.9818,
11.5683

295.6841,

1.5376, 2.8340,

345.5141, 441.2488

6.3315

351.2219,
408.0559, 516.7656

■ 0.3512, 1.0457,
2.9756

■ 0.0000, 0.0000,
1.0822

■ 59.6913, 74.9434,
105.9272

■ 59.6913, 74.9434,
105.9272

■ 55.0042, 71.1132,
105.4349

■ 65.3901, 79.3243,
106.4724

■ 51.2522, 67.7890,
104.9910

■ 72.1581, 84.2806,
107.0724

■ 48.3578, 64.9323,
104.5922

■ 80.0557, 89.8452,
107.7302

■ 46.2276, 62.4949,
104.2340

■ 89.1369, 96.0460,
108.4485

■ 44.7462, 60.4172, 95.0500, 100.0000,
103.9111 108.9000

■ 44.2549, 59.6299,
103.7850

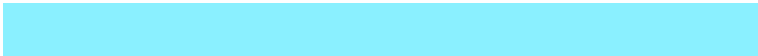
Harmonies

Analogous

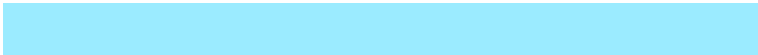
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.7176, 74.9434, 83.3696



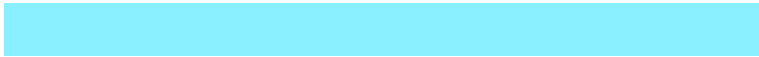
59.6913, 74.9434, 105.9272



64.7348, 74.9434, 124.1723

Triad

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



59.6913, 74.9434, 105.9272



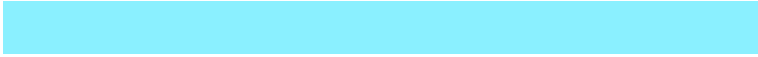
84.8579, 74.9434, 102.3483



70.6200, 74.9434, 46.7755

Complementary

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



59.6913, 74.9434, 105.9272



57.2193, 45.8781, 29.8863

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.



78.1488, 74.9434, 50.0759



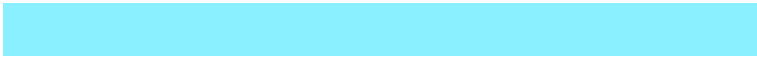
59.6913, 74.9434, 105.9272



86.7055, 74.9434, 79.8569

Square

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



59.6913, 74.9434, 105.9272



79.2842, 74.9434, 121.8631



84.1706, 74.9434, 61.3165



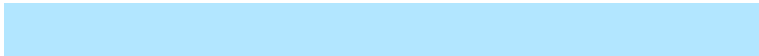
63.7433, 74.9434, 51.3550

Rectangle

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



59.6913, 74.9434, 105.9272



69.3394, 74.9434, 130.0165



84.1706, 74.9434, 61.3165



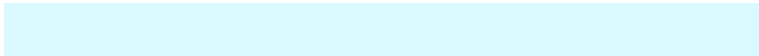
73.1576, 74.9434, 46.9999

Sweetspot

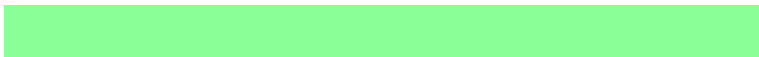
The Sweet Spot groups the original color and five complimentary colors.



59.6933, 74.9462, 105.9276



81.6713, 90.9617, 107.8606



51.8814, 79.1794, 42.1064



17.0850, 19.1957, 23.0546



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.



59.6933, 74.9462, 105.9276



55.3783, 71.4296, 105.4763



45.4353, 46.4302, 101.1750



18.3445, 20.0607, 23.1552



23.2019, 31.3134, 54.2558



2.3122, 3.1550, 5.3004

Inverse Universe

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



66.0580, 45.7300, 87.7862



62.6317, 39.5803, 84.4771



68.9120, 69.2634, 33.7839



18.6866, 18.2579, 22.2325



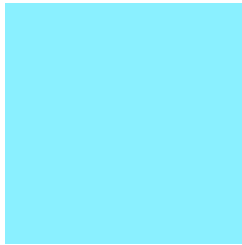
28.4995, 13.8891, 37.6102



2.8017, 1.3630, 3.8030

Previews

White Background



This preview shows how the XYZ color 59.6913, 74.9434, 105.9272 looks on a white background.

Color Contrast Check

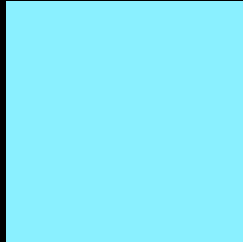
Large Text (above 18pt) WCAG AA × Fail

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 59.6913, 74.9434, 105.9272 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 59.6913, 74.9434, 105.9272

Background



This preview shows how black text looks on a background with the XYZ color 59.6913, 74.9434, 105.9272.

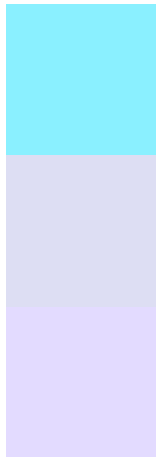


This preview shows how white text looks on a background with the XYZ color 59.6913, 74.9434,

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

59.6913, 74.9434, 105.9272

Protanopia

72.1177, 74.0858, 95.2930

Deuteranopia

75.0601, 74.2139, 104.9764



Tritanopia

61.5734, 75.0445, 105.8475

Trichromacy



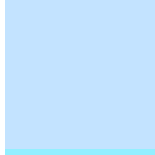
Original Color

59.6913, 74.9434, 105.9272



Protanomaly

66.2937, 73.8304, 98.7523



Deuteranomaly

68.0248, 73.7603, 105.2596



Tritanomaly

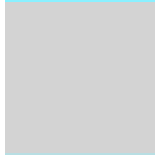
60.9491, 75.1560, 105.9020

Monochromacy



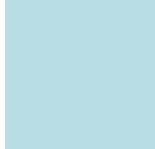
Original Color

59.6913, 74.9434, 105.9272



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

59.7536, 67.9790, 82.6449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6913, 74.9434, 105.9272 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(138, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(138, 240, 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(138, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 240, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.6913, 74.9434, 105.9272 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(138, 240, 255) }
```


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

```
.border{ border-color:rgb(138, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(138, 240,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6913, 74.9434, 105.9272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 240, 255) }
```

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

```
.background{ background-color: rgb(138,  
240, 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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