

Converting Colors

XYZ(59.1181, 71.2262,
105.2399)

Have a look what the booklet for
XYZ(59.1181, 71.2262, 105.2399)
contains.

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Color

**XYZ(59.1194, 71.2291,
105.2404)**

Conversions

Conversions Part 1

Format	Color
Hex	94E8FF
RGB	148, 232, 255
RGB Percent	58%, 91%, 100%
CMY	0.4196, 0.0902, 0.0000
CMYK	0.42, 0.09, 0.00, 0.00
HSL	193°, 100%, 79%
HSV	193°, 42%, 100%
XYZ	59.1194, 71.2291, 105.2404
YIQ	209.5060, -57.4470, -10.6550

Conversions

Conversions Part 2

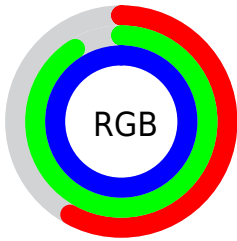
Format	Color
R_{YB}	148, 195, 255
Decimal	9758975
CIE _{Lab}	87.60, -19.73, -19.13
CIE _{LCh}	88, 27.479, 224.122
Yxy	71.2291, 0.2509, 0.3023
Android (android.graphics.Color)	4287949055 (0xFF94E8FF)
YUV	209.5060, 22.4285, -53.9408
Hunter-Lab	84.3973, -22.6581, -14.8543

Details

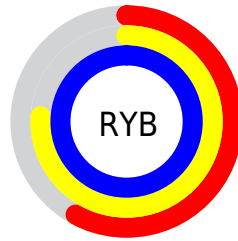
The XYZ color **59.1194, 71.2291, 105.2404** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **61.1489, 52.5246, 34.9345**, and the grayscale version is **60.8215, 63.9890, 69.6840**.

A 20% lighter version of the original color is **79.2636, 91.8618, 108.1612**, and **29.9348, 37.3015, 59.0483** is the 20% darker color. If you saturate the color by 10%, you get **53.4866, 66.0722, 104.5419**, and if you desaturate by 10%, it is **65.8202, 77.0112, 106.0033**.

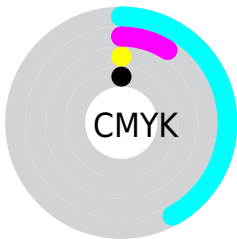
Distribution



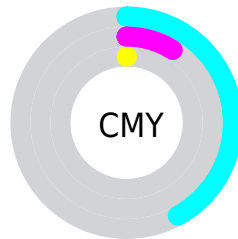
- Red (58%)
- Green (91%)
- Blue (100%)



- Red (58%)
- Yellow (76%)
- Blue (100%)



- Cyan (42%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1194, 71.2291, 105.2404 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 59.1194, 71.2291, 105.2404 by changing the saturation by 10% instead.

■ 59.1194, 71.2291,
105.2404

■ 59.1194, 71.2291,
105.2404

411.2312,
464.8539, 598.2560

■ 42.9560, 52.5292,
80.0430

■ 102.6648,
120.9599, 170.4547

■ 30.0450, 37.4270,
59.2274

■ 130.7775,
152.7595, 211.3087

■ 20.0210, 25.5383,
42.3750

163.6040,
189.6945, 258.2186

■ 12.5186, 16.4786,
29.0672

201.5097,
232.1493, 311.6029

■ 7.1726, 9.8634,
18.8857

244.8599,
280.5082, 371.8803

■ 3.6176, 5.3085,
11.4117

294.0200,

■ 1.4881, 2.4294,

335.1557, 439.4693

6.2268

349.3553,
396.4762, 514.7883

■ 0.3177, 0.8409,
2.9125

■ 0.0000, 0.0000,
1.0501

■ 59.1194, 71.2291,
105.2404

■ 59.1194, 71.2291,
105.2404

■ 53.4866, 66.0722,
104.5419

■ 65.8202, 77.0112,
106.0033

■ 48.8480, 61.4970,
103.9033

■ 73.6447, 83.4431,
106.8324

■ 45.1295, 57.4663,
103.3213

■ 82.6519, 90.5574,
107.7308

■ 42.2436, 53.9342,
102.7916

■ 92.8947, 98.3819,
108.7013

■ 40.0848, 50.8458,
102.3093

95.0500, 100.0000,
108.9000

■ 38.7491, 48.6182,
101.9497

Harmonies

Analogous

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



56.2893, 71.2291, 86.6215



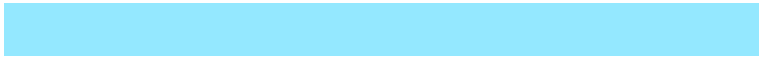
59.1194, 71.2291, 105.2404



64.3388, 71.2291, 117.3313

Triad

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



59.1194, 71.2291, 105.2404



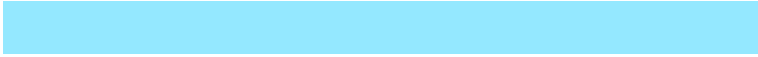
80.4483, 71.2291, 87.7678



64.6973, 71.2291, 47.7647

Complementary

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



59.1194, 71.2291, 105.2404



61.1489, 52.5246, 34.9345

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.



71.1786, 71.2291, 47.9707



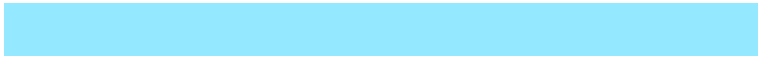
59.1194, 71.2291, 105.2404



80.5597, 71.2291, 69.1469

Square

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



59.1194, 71.2291, 105.2404



76.7805, 71.2291, 106.1945



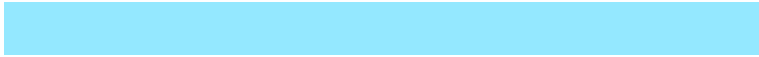
77.0756, 71.2291, 55.2104



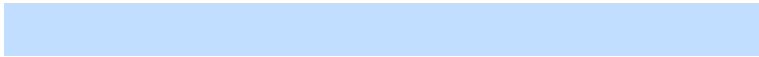
59.3673, 71.2291, 54.5939

Rectangle

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



59.1194, 71.2291, 105.2404



68.6034, 71.2291, 119.0172



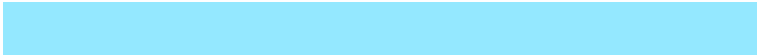
77.0756, 71.2291, 55.2104



66.8068, 71.2291, 47.0523

Sweetspot

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



59.1214, 71.2318, 105.2408



81.6573, 89.7840, 107.6340



55.1731, 80.6962, 50.4033



17.0362, 18.8720, 22.9947



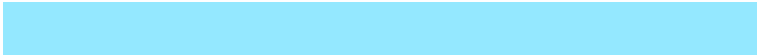
0.0000, 0.0000, 0.0000



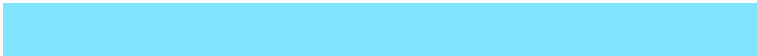
20.3446, 21.4041, 23.3091

Same Dimension

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



59.1214, 71.2318, 105.2408



54.5096, 67.0357, 104.6740



46.6059, 46.2007, 101.0690



18.2041, 19.7797, 23.1084



20.3610, 25.6316, 53.3088



2.0610, 2.6527, 5.2167

Inverse Universe

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



66.3967, 48.2678, 82.1639



62.8418, 42.1473, 77.9287



72.9471, 76.1210, 38.8672



18.6157, 18.2296, 21.8591



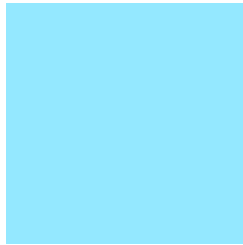
27.0655, 13.3155, 30.0591



2.6749, 1.3123, 3.1354

Previews

White Background



This preview shows how the XYZ color 59.1194, 71.2291, 105.2404 looks on a white background.

Color Contrast Check

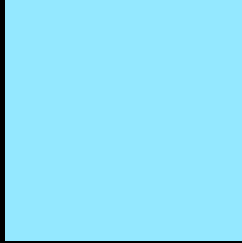
Large Text (above 18pt) WCAG AA × Fail

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 59.1194, 71.2291, 105.2404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

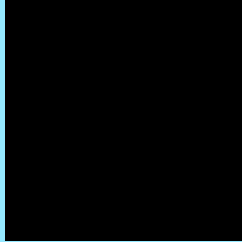
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1194, 71.2291, 105.2404

Background



This preview shows how black text looks on a background with the XYZ color 59.1194, 71.2291, 105.2404.

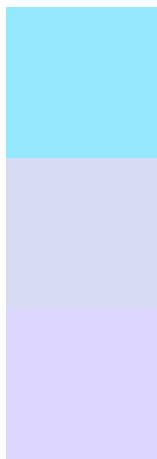


This preview shows how white text looks on a background with the XYZ color 59.1194, 71.2291,

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

59.1194, 71.2291, 105.2404

Protanopia

69.3186, 70.6654, 96.3725

Deuteranopia

71.6118, 70.5288, 104.4468



Tritanopia

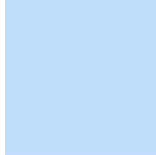
58.5841, 71.4459, 101.9695

Trichromacy



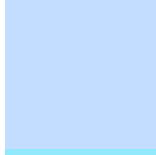
Original Color

59.1194, 71.2291, 105.2404



Protanomaly

64.7060, 70.1585, 99.7541



Deuteranomaly

66.1546, 70.4022, 104.7100



Tritanomaly

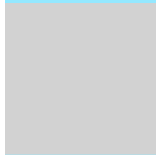
58.7422, 71.5091, 102.8021

Monochromacy



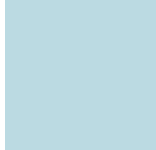
Original Color

59.1194, 71.2291, 105.2404



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

59.2924, 66.1986, 81.6041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1194, 71.2291, 105.2404 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(148, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(148, 232, 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(148, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 232, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.1194, 71.2291, 105.2404 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(148, 232, 255) }
```


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

```
.border{ border-color:rgb(148, 232, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 232, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(148, 232,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1194, 71.2291, 105.2404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 232, 255) }
```

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

```
.background{ background-color: rgb(148,  
232, 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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