

Converting Colors

XYZ(59.1361, 71.8469,
105.3588)

Have a look what the booklet for
XYZ(59.1361, 71.8469, 105.3588)
contains.

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Color

**XYZ(59.0430, 71.6088,
105.3177)**

Conversions

Conversions Part 1

Format	Color
Hex	92E9FF
RGB	146, 233, 255
RGB Percent	57%, 91%, 100%
CMY	0.4274, 0.0863, 0.0000
CMYK	0.43, 0.09, 0.00, 0.00
HSL	192°, 100%, 79%
HSV	192°, 43%, 100%
XYZ	59.0430, 71.6088, 105.3177
YIQ	209.4950, -58.9140, -11.6020

Conversions

Conversions Part 2

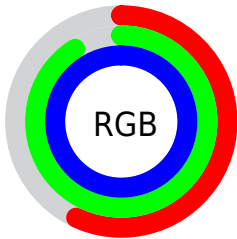
Format	Color
R_{YB}	146, 194, 255
Decimal	9628159
CIE _{Lab}	87.78, -20.70, -18.86
CIE _{LCh}	88, 28.006, 222.337
Yxy	71.6088, 0.2502, 0.3035
Android (android.graphics.Color)	4287818239 (0xFF92E9FF)
YUV	209.4950, 22.4340, -55.6851
Hunter-Lab	84.6220, -23.5443, -14.5550

Details

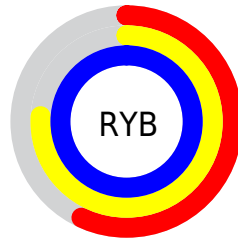
The XYZ color **59.0430, 71.6088, 105.3177** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **60.4316, 51.3412, 33.9210**, and the grayscale version is **60.8150, 63.9821, 69.6765**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **29.9397, 37.5962, 59.1049** is the 20% darker color. If you saturate the color by 10%, you get **53.5703, 66.6578, 104.6505**, and if you desaturate by 10%, it is **65.5731, 77.1712, 106.0472**.

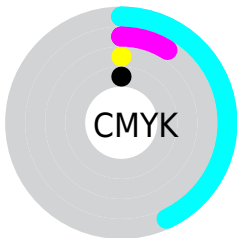
Distribution



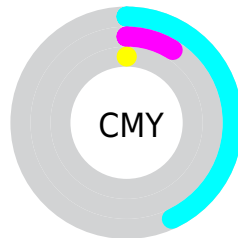
- Red (57%)
- Green (91%)
- Blue (100%)



- Red (57%)
- Yellow (76%)
- Blue (100%)



- Cyan (43%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0430, 71.6088, 105.3177 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 59.0430, 71.6088, 105.3177 by changing the saturation by 10% instead.

■ 59.0430, 71.6088,
105.3177

■ 59.0430, 71.6088,
105.3177

410.9527,
466.1788, 598.5022

■ 42.8942, 52.8392,
80.1074

■ 102.5544,
121.5002, 170.5613

■ 29.9963, 37.6744,
59.2801

■ 130.6478,
153.3907, 211.4317

■ 19.9838, 25.7301,
42.4171

163.4534,
190.4237, 258.3592

■ 12.4915, 16.6218,
29.1000

201.3367,
232.9835, 311.7623

■ 7.1539, 9.9652,
18.9103

244.6628,
281.4545, 372.0596

■ 3.6057, 5.3759,
11.4293

293.7974,

■ 1.4816, 2.4695,

336.2212, 439.6697

6.2386

349.1055,
397.6678, 515.0110

■ 0.3133, 0.8613,
2.9196

■ 0.0000, 0.0000,
1.0537

■ 59.0430, 71.6088,
105.3177

■ 59.0430, 71.6088,
105.3177

■ 53.5703, 66.6578,
104.6505

■ 65.5731, 77.1712,
106.0472

■ 49.0805, 62.2745,
104.0411

■ 73.2166, 83.3696,
106.8408

■ 45.4991, 58.4215,
103.4862

■ 82.0327, 90.2365,
107.7016

■ 42.7374, 55.0525,
102.9814

■ 92.0745, 97.8000,
108.6322

■ 40.6881, 52.1117,
102.5218

95.0500, 100.0000,
108.9000

■ 39.5334, 50.1868,
102.2111

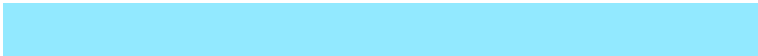
Harmonies

Analogous

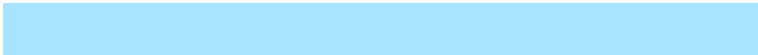
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.3219, 71.6088, 86.0567



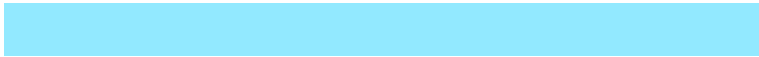
59.0430, 71.6088, 105.3177



64.2565, 71.6088, 118.3166

Triad

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



59.0430, 71.6088, 105.3177



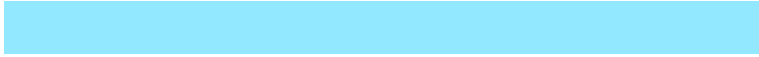
80.9841, 71.6088, 89.6142



65.3670, 71.6088, 47.3940

Complementary

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



59.0430, 71.6088, 105.3177



60.4316, 51.3412, 33.9210

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.



72.0149, 71.6088, 48.0286



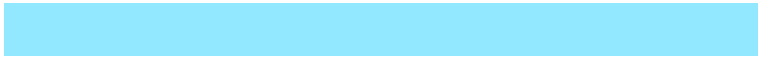
59.0430, 71.6088, 105.3177



81.3298, 71.6088, 70.4061

Square

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



59.0430, 71.6088, 105.3177



77.0398, 71.6088, 108.2846



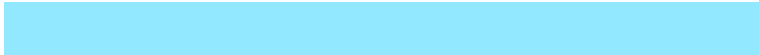
77.9557, 71.6088, 55.8204



59.8103, 71.6088, 53.9173

Rectangle

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



59.0430, 71.6088, 105.3177



68.5846, 71.6088, 120.5697



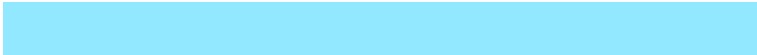
77.9557, 71.6088, 55.8204



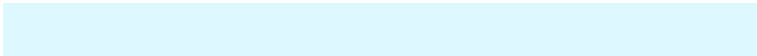
67.5421, 71.6088, 46.8116

Sweetspot

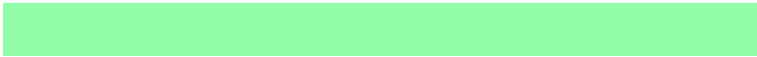
The Sweet Spot groups the original color and five complimentary colors.



59.0450, 71.6115, 105.3181



81.7911, 90.0515, 107.6786



54.6646, 80.4513, 49.5977



17.0695, 18.9385, 23.0058



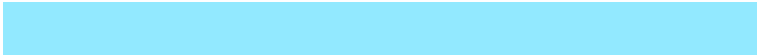
0.0000, 0.0000, 0.0000



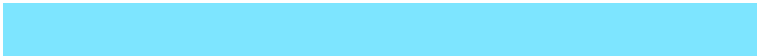
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0450, 71.6115, 105.3181



54.4516, 67.4792, 104.7626



45.9657, 45.4530, 100.9584



18.2252, 19.8220, 23.1154



20.7662, 26.4420, 53.4439



2.0971, 2.7249, 5.2287

Inverse Universe

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



66.2282, 47.7028, 82.8106



62.6759, 41.5580, 78.6674



72.6301, 75.7384, 37.9872



18.6263, 18.2338, 21.9153



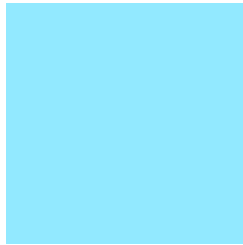
27.2700, 13.3973, 31.1360



2.6931, 1.3196, 3.2314

Previews

White Background



This preview shows how the XYZ color 59.0430, 71.6088, 105.3177 looks on a white background.

Color Contrast Check

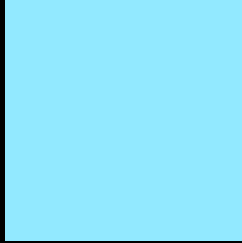
Large Text (above 18pt) WCAG AA × Fail

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 59.0430, 71.6088, 105.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

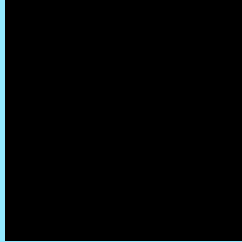
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0430, 71.6088, 105.3177

Background



This preview shows how black text looks on a background with the XYZ color 59.0430, 71.6088, 105.3177.



This preview shows how white text looks on a background with the XYZ color 59.0430, 71.6088,

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

59.0430, 71.6088, 105.3177

Protanopia

69.3186, 70.6654, 96.3725

Deuteranopia

72.1692, 71.1930, 104.5456



Tritanopia

58.3867, 71.3258, 102.7854

Trichromacy



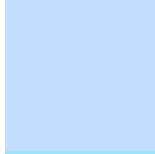
Original Color

59.0430, 71.6088, 105.3177



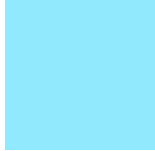
Protanomaly

64.7218, 70.5621, 99.8312



Deuteranomaly

66.4194, 70.9319, 104.7983



Tritanomaly

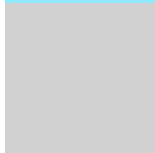
58.5456, 71.3894, 103.6224

Monochromacy



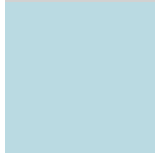
Original Color

59.0430, 71.6088, 105.3177



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

59.0486, 66.0729, 81.5927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0430, 71.6088, 105.3177 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(146, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(146, 233, 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(146, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 233, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.0430, 71.6088, 105.3177 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(146, 233, 255) }
```


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

```
.border{ border-color:rgb(146, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(146, 233,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0430, 71.6088, 105.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 233, 255) }
```

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

```
.background{ background-color: rgb(146,  
233, 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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