

Converting Colors

XYZ(74.7444, 77.9089,
180.9861)

Have a look what the booklet for
XYZ(74.7444, 77.9089, 180.9861)
contains.

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Color

**XYZ(60.5153, 72.3679,
105.3866)**

Conversions

Conversions Part 1

Format	Color
Hex	9AE9FF
RGB	154, 233, 255
RGB Percent	60%, 91%, 100%
CMY	0.3961, 0.0863, 0.0000
CMYK	0.40, 0.09, 0.00, 0.00
HSL	193°, 100%, 80%
HSV	193°, 40%, 100%
XYZ	60.5153, 72.3679, 105.3866
YIQ	211.8870, -54.1460, -9.9060

Conversions

Conversions Part 2

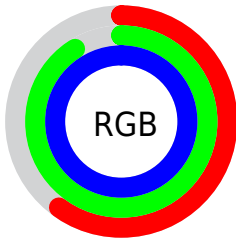
Format	Color
RYB	154, 198, 255
Decimal	10152447
CIELab	88.15, -18.76, -18.27
CIELCh	88, 26.190, 224.249
Yxy	72.3679, 0.2540, 0.3037
Android (android.graphics.Color)	4288342527 (0xFF9AE9FF)
YUV	211.8870, 21.2547, -50.7669
Hunter-Lab	85.0693, -21.8927, -13.9018

Details

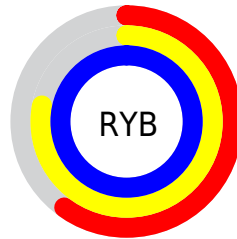
The XYZ color **60.5153, 72.3679, 105.3866** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **62.5984, 54.6438, 37.8216**, and the grayscale version is **62.3951, 65.6445, 71.4868**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **30.8449, 38.0629, 59.1473** is the 20% darker color. If you saturate the color by 10%, you get **54.6206, 67.0334, 104.6677**, and if you desaturate by 10%, it is **67.4943, 78.3383, 106.1712**.

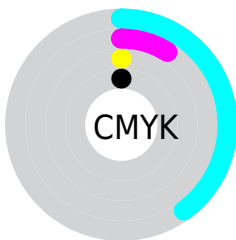
Distribution



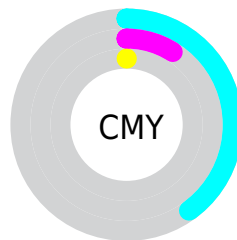
- Red (60%)
- Green (91%)
- Blue (100%)



- Red (60%)
- Yellow (78%)
- Blue (100%)



- Cyan (40%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5153, 72.3679, 105.3866 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 60.5153, 72.3679, 105.3866 by changing the saturation by 10% instead.

60.5153, 72.3679,
105.3866

60.5153, 72.3679,
105.3866

416.2989,
468.8211, 598.7215

44.0852, 53.4593,
80.1648

104.6789,
122.5794, 170.6563

30.9357, 38.1695,
59.3270

133.1431,
154.6511, 211.5413

20.7015, 26.1143,
42.4547

166.3493,
191.8793, 258.4845

13.0172, 16.9092,
29.1293

204.6630,
234.6484, 311.9043

7.5174, 10.1697,
18.9322

248.4494,
283.3427, 372.2194

3.8369, 5.5116,
11.4450

298.0740,

1.6103, 2.5505,

338.3466, 439.8483

6.2491

353.9020,
400.0446, 515.2095

■ 0.3991, 0.9018,
2.9259

■ 0.0000, 0.0000,
1.0569

■ 60.5153, 72.3679,
105.3866

■ 60.5153, 72.3679,
105.3866

■ 54.6206, 67.0334,
104.6677

■ 67.4943, 78.3383,
106.1712

■ 49.7379, 62.2916,
104.0098

■ 75.6122, 84.9682,
107.0231

■ 45.7953, 58.1067,
103.4098

■ 84.9267, 92.2897,
107.9453

■ 42.7084, 54.4343,
102.8636

95.0500, 100.0000,
108.9000

■ 40.3768, 51.2220,
102.3665

■ 38.6434, 48.3881,
101.9109

■ 38.5803, 48.2806,
101.8934

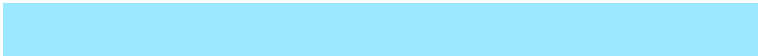
Harmonies

Analogous

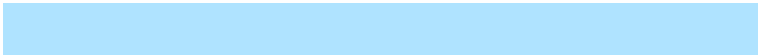
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.7624, 72.3679, 87.5914



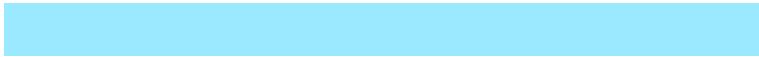
60.5153, 72.3679, 105.3866



65.5670, 72.3679, 116.8567

Triad

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



60.5153, 72.3679, 105.3866



81.0332, 72.3679, 88.5310



65.8626, 72.3679, 49.8801

Complementary

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



60.5153, 72.3679, 105.3866



62.5984, 54.6438, 37.8216

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.



72.1035, 72.3679, 50.0527



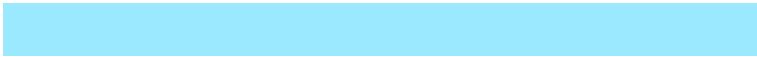
60.5153, 72.3679, 105.3866



81.1243, 72.3679, 70.6107

Square

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



60.5153, 72.3679, 105.3866



77.5307, 72.3679, 106.1638



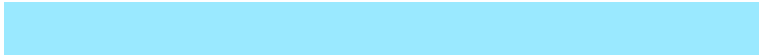
77.7725, 72.3679, 57.1032



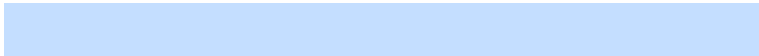
60.7203, 72.3679, 56.5895

Rectangle

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



60.5153, 72.3679, 105.3866



69.6795, 72.3679, 118.4239



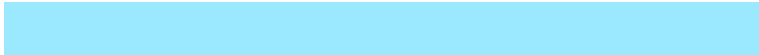
77.7725, 72.3679, 57.1032



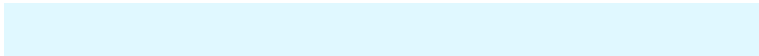
67.8953, 72.3679, 49.1713

Sweetspot

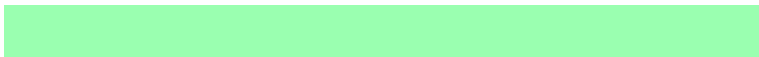
The Sweet Spot groups the original color and five complimentary colors.



60.5173, 72.3706, 105.3871



82.5853, 90.4727, 107.7180



56.9124, 81.5205, 53.7509



17.4096, 19.1563, 23.0299



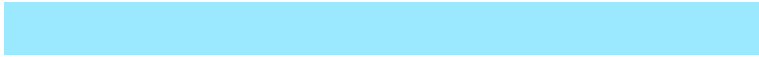
0.0000, 0.0000, 0.0000



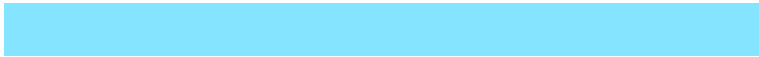
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5173, 72.3706, 105.3871



55.4976, 67.8496, 104.7790



48.2323, 47.8007, 101.2921



18.1995, 19.7705, 23.1068



20.2738, 25.4572, 53.2798



2.0532, 2.6371, 5.2141

Inverse Universe

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



67.5048, 50.2560, 83.2364



63.6241, 43.5462, 78.7003



74.3741, 78.1953, 41.7469



18.6133, 18.2286, 21.8469



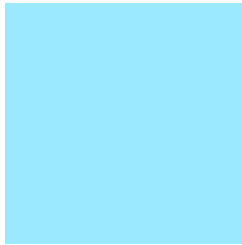
27.0215, 13.2979, 29.8272



2.6710, 1.3108, 3.1147

Previews

White Background



This preview shows how the XYZ color 60.5153, 72.3679, 105.3866 looks on a white background.

Color Contrast Check

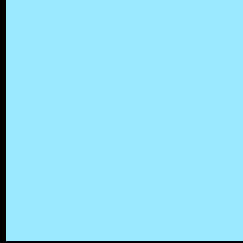
Large Text (above 18pt) WCAG AA × Fail

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 60.5153, 72.3679, 105.3866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

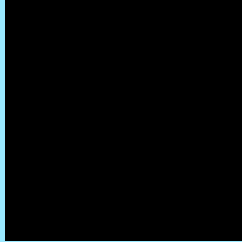
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5153, 72.3679, 105.3866

Background



This preview shows how black text looks on a background with the XYZ color 60.5153, 72.3679, 105.3866.

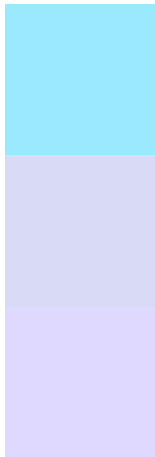


This preview shows how white text looks on a background with the XYZ color 60.5153, 72.3679,

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

60.5153, 72.3679, 105.3866

Protanopia

70.5813, 72.0686, 97.3794

Deuteranopia

73.0373, 72.0197, 104.6595



Tritanopia

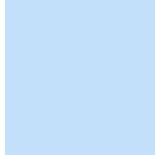
59.8465, 72.0784, 102.8537

Trichromacy



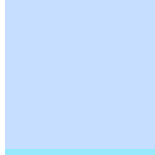
Original Color

60.5153, 72.3679, 105.3866



Protanomaly

66.0027, 71.6202, 99.9679



Deuteranomaly

67.4600, 71.4683, 104.8470



Tritanomaly

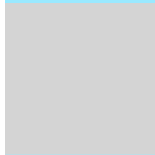
60.0054, 72.1420, 103.6907

Monochromacy



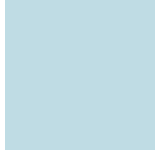
Original Color

60.5153, 72.3679, 105.3866



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

61.0826, 67.8642, 83.2785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5153, 72.3679, 105.3866 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(154, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(154, 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(154, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 233, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.5153, 72.3679, 105.3866 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(154, 233, 255) }
```


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

```
.border{ border-color:rgb(154, 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(154, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(154, 233,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5153, 72.3679, 105.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 233, 255) }
```

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

```
.background{ background-color: rgb(154,  
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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