

Converting Colors

XYZ(72.5240, 76.3034,
170.2079)

Have a look what the booklet for
XYZ(72.5240, 76.3034, 170.2079)
contains.

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Color

**XYZ(60.1435, 71.3404,
105.2079)**

Conversions

Conversions Part 1

Format	Color
Hex	9BE7FF
RGB	155, 231, 255
RGB Percent	61%, 91%, 100%
CMY	0.3921, 0.0941, 0.0000
CMYK	0.39, 0.09, 0.00, 0.00
HSL	194°, 100%, 80%
HSV	194°, 39%, 100%
XYZ	60.1435, 71.3404, 105.2079
YIQ	211.0120, -53.0000, -8.6480

Conversions

Conversions Part 2

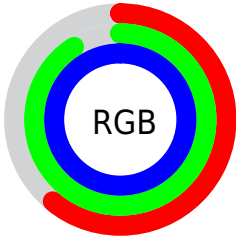
Format	Color
RYB	155, 198, 255
Decimal	10217471
CIELab	87.65, -17.51, -19.02
CIELCh	88, 25.849, 227.365
Yxy	71.3404, 0.2541, 0.3014
Android (android.graphics.Color)	4288407551 (0xFF9BE7FF)
YUV	211.0120, 21.6861, -49.1225
Hunter-Lab	84.4632, -20.7067, -14.7277

Details

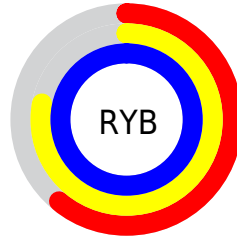
The XYZ color **60.1435, 71.3404, 105.2079** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.2770, 55.8671, 38.4607**, and the grayscale version is **61.8130, 65.0320, 70.8199**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **30.5600, 37.3338, 59.0215** is the 20% darker color. If you saturate the color by 10%, you get **54.0742, 65.7149, 104.4420**, and if you desaturate by 10%, it is **67.3100, 77.6237, 106.0430**.

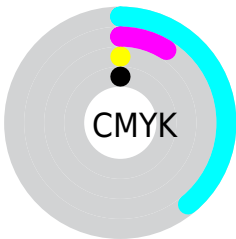
Distribution



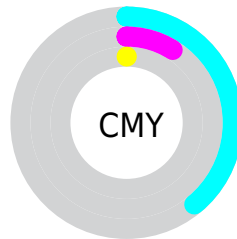
- Red (61%)
- Green (91%)
- Blue (100%)



- Red (61%)
- Yellow (78%)
- Blue (100%)



- Cyan (39%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1435, 71.3404, 105.2079 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 60.1435, 71.3404, 105.2079 by changing the saturation by 10% instead.

60.1435, 71.3404,
105.2079

60.1435, 71.3404,
105.2079

414.9528,
465.2425, 598.1524

43.7842, 52.6200,
80.0159

104.1430,
121.1183, 170.4099

30.6981, 37.4995,
59.2052

132.5139,
152.9446, 211.2569

20.5198, 25.5945,
42.3572

165.6193,
189.9084, 258.1594

12.8839, 16.5205,
29.0535

203.8247,
232.3939, 311.5359

7.4251, 9.8932,
18.8753

247.4954,
280.7858, 371.8049

3.7780, 5.3282,
11.4043

296.9967,

1.5773, 2.4411,

335.4682, 439.3850

6.2219

352.6941,
396.8256, 514.6946

■ 0.3776, 0.8469,
2.9095

■ 0.0000, 0.0000,
1.0486

■ 60.1435, 71.3404,
105.2079

■ 60.1435, 71.3404,
105.2079

■ 54.0742, 65.7149,
104.4420

■ 67.3100, 77.6237,
106.0430

■ 49.0298, 60.7041,
103.7407

■ 75.6281, 84.5889,
106.9490

■ 44.9387, 56.2718,
103.1008

■ 85.1557, 92.2682,
107.9291

■ 41.7168, 52.3738,
102.5182

95.0500, 100.0000,
108.9000

■ 39.2643, 48.9576,
101.9881

■ 37.4312, 45.9451,
101.5032

■ 37.2990, 45.7179,
101.4663

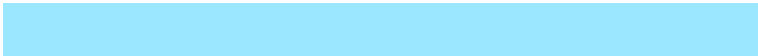
Harmonies

Analogous

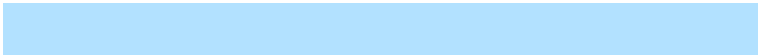
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.1827, 71.3404, 88.1785



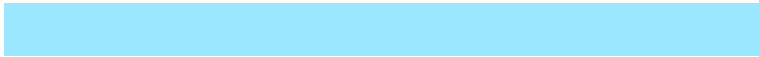
60.1435, 71.3404, 105.2079



65.2650, 71.3404, 115.4291

Triad

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



60.1435, 71.3404, 105.2079



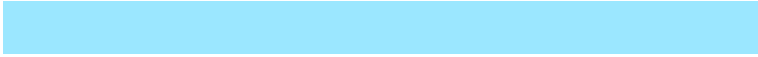
79.9520, 71.3404, 85.2861



64.3544, 71.3404, 49.7437

Complementary

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



60.1435, 71.3404, 105.2079



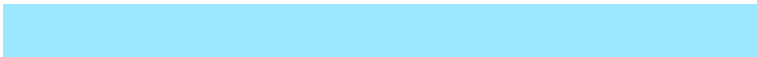
63.2770, 55.8671, 38.4607

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.



70.4140, 71.3404, 49.2106



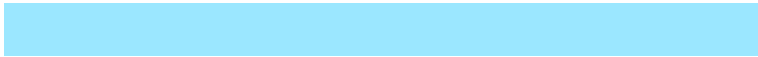
60.1435, 71.3404, 105.2079



79.6717, 71.3404, 68.0453

Square

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



60.1435, 71.3404, 105.2079



76.8394, 71.3404, 102.8178



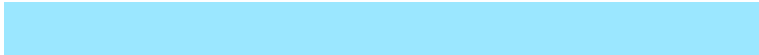
76.0951, 71.3404, 55.4249



59.5115, 71.3404, 57.0108

Rectangle

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



60.1435, 71.3404, 105.2079



69.3270, 71.3404, 116.1312



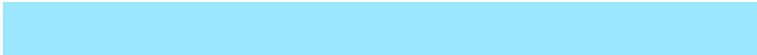
76.0951, 71.3404, 55.4249



66.3092, 71.3404, 48.8148

Sweetspot

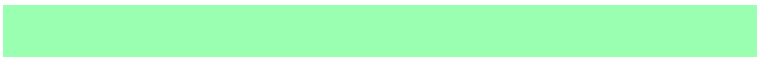
The Sweet Spot groups the original color and five complimentary colors.



60.1455, 71.3431, 105.2083



82.3766, 90.0553, 107.6484



57.3482, 81.7169, 55.0474



17.3602, 19.0577, 23.0135



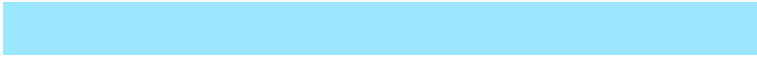
0.0000, 0.0000, 0.0000



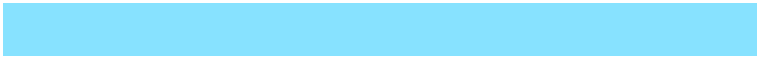
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1455, 71.3431, 105.2083



55.3274, 66.9064, 104.6059



48.2289, 47.5099, 101.2361



18.1638, 19.6992, 23.0949



19.6113, 24.1323, 53.0589



1.9938, 2.5184, 5.1943

Inverse Universe

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



67.3865, 50.4739, 81.7951



63.6853, 44.1340, 77.2861



74.9923, 79.2978, 42.3658



18.5953, 18.2214, 21.7521



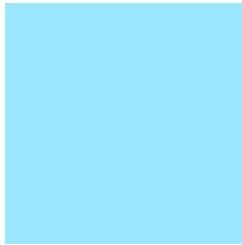
26.6871, 13.1641, 28.0664



2.6410, 1.2988, 2.9569

Previews

White Background



This preview shows how the XYZ color 60.1435, 71.3404, 105.2079 looks on a white background.

Color Contrast Check

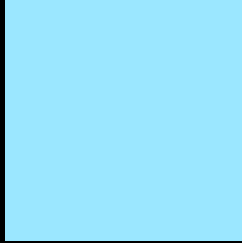
Large Text (above 18pt) WCAG AA × Fail

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 60.1435, 71.3404, 105.2079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

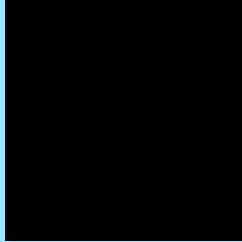
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1435, 71.3404, 105.2079

Background



This preview shows how black text looks on a background with the XYZ color 60.1435, 71.3404, 105.2079.

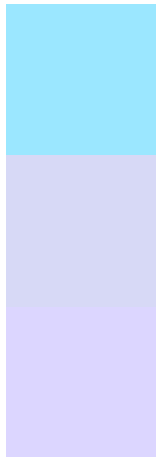


This preview shows how white text looks on a background with the XYZ color 60.1435, 71.3404,

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

60.1435, 71.3404, 105.2079

Protanopia

69.4717, 70.7266, 97.1788

Deuteranopia

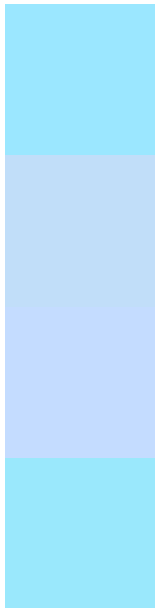
71.6118, 70.5288, 104.4468



Tritanopia

59.4384, 71.4854, 101.1078

Trichromacy



Original Color

60.1435, 71.3404, 105.2079

Protanomaly

65.2125, 70.4196, 99.7778

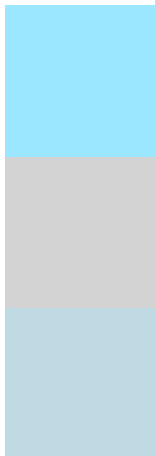
Deuteranomaly

66.4081, 70.1422, 104.6464

Tritanomaly

59.7537, 71.6115, 102.7685

Monochromacy



Original Color

60.1435, 71.3404, 105.2079

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.4224, 66.7652, 82.3754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1435, 71.3404, 105.2079 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(155, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(155, 231, 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(155, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 231, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.1435, 71.3404, 105.2079 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(155, 231, 255) }
```


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

```
.border{ border-color:rgb(155, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(155, 231,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1435, 71.3404, 105.2079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 231, 255) }
```

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

```
.background{ background-color: rgb(155,  
231, 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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