

Converting Colors

XYZ(72.5240, 76.3034,
165.2704)

Have a look what the booklet for
XYZ(72.5240, 76.3034, 165.2704)
contains.

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Color

**XYZ(61.1231, 71.8454,
105.2538)**

Conversions

Conversions Part 1

Format	Color
Hex	A0E7FF
RGB	160, 231, 255
RGB Percent	63%, 91%, 100%
CMY	0.3725, 0.0941, 0.0000
CMYK	0.37, 0.09, 0.00, 0.00
HSL	195°, 100%, 81%
HSV	195°, 37%, 100%
XYZ	61.1231, 71.8454, 105.2538
YIQ	212.5070, -50.0200, -7.5880

Conversions

Conversions Part 2

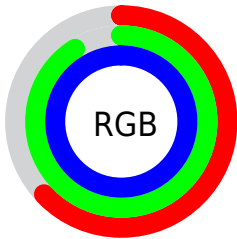
Format	Color
R_{YB}	160, 201, 255
Decimal	10545151
CIE _{Lab}	87.89, -16.24, -18.62
CIE _{LCh}	88, 24.712, 228.910
Yxy	71.8454, 0.2566, 0.3016
Android (android.graphics.Color)	4288735231 (0xFFA0E7FF)
YUV	212.5070, 20.9490, -46.0486
Hunter-Lab	84.7617, -19.6135, -14.2909

Details

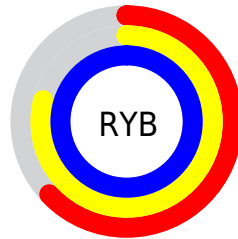
The XYZ color **61.1231, 71.8454, 105.2538** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.7260, 58.0792, 41.0585**, and the grayscale version is **62.8071, 66.0780, 71.9589**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **31.2319, 37.6802, 59.0530** is the 20% darker color. If you saturate the color by 10%, you get **54.7692, 65.9442, 104.4496**, and if you desaturate by 10%, it is **68.5927, 78.4237, 106.1298**.

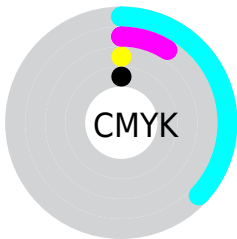
Distribution



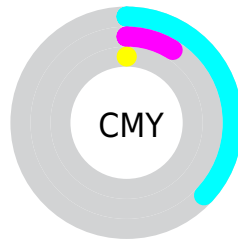
- Red (63%)
- Green (91%)
- Blue (100%)



- Red (63%)
- Yellow (79%)
- Blue (100%)



- Cyan (37%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1231, 71.8454, 105.2538 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 61.1231, 71.8454, 105.2538 by changing the saturation by 10% instead.

61.1231, 71.8454,
105.2538

61.1231, 71.8454,
105.2538

418.4939,
467.0033, 598.2986

44.5774, 53.0324,
80.0542

105.5543,
121.8367, 170.4732

31.3246, 37.8286,
59.2365

134.1705,
153.7838, 211.3300

20.9992, 25.8497,
42.3823

167.5409,
190.8777, 258.2429

13.2359, 16.7112,
29.0729

206.0309,
233.5028, 311.6306

7.6693, 10.0288,
18.8899

250.0059,
282.0435, 371.9114

3.9341, 5.4181,
11.4148

299.8311,

1.6649, 2.4946,

336.8843, 439.5040

6.2289

355.8720,
398.4094, 514.8269

■ 0.4342, 0.8739,
2.9137

■ 0.0000, 0.0000,
1.0507

■ 61.1231, 71.8454,
105.2538

■ 61.1231, 71.8454,
105.2538

■ 54.7692, 65.9442,
104.4496

■ 68.5927, 78.4237,
106.1298

■ 49.4601, 60.6773,
103.7128

■ 77.2317, 85.7027,
107.0795

■ 45.1255, 56.0092,
103.0402

■ 87.0973, 93.7145,
108.1059

■ 41.6837, 51.8967,
102.4278

95.0500, 100.0000,
108.9000

■ 39.0383, 48.2890,
101.8709

■ 37.0657, 45.1212,
101.3634

■ 36.5909, 44.3018,
101.2303

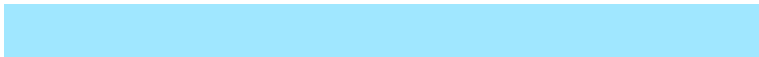
Harmonies

Analogous

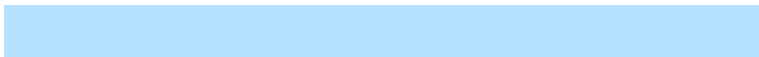
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.1408, 71.8454, 89.1962



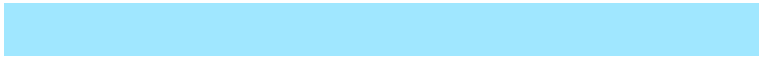
61.1231, 71.8454, 105.2538



66.1354, 71.8454, 114.4945

Triad

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



61.1231, 71.8454, 105.2538



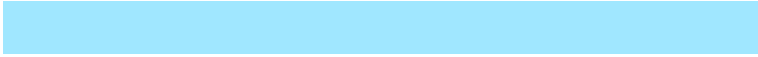
79.9922, 71.8454, 84.6217



64.6883, 71.8454, 51.4221

Complementary

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



61.1231, 71.8454, 105.2538



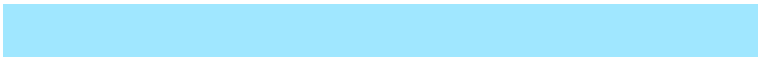
64.7260, 58.0792, 41.0585

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.



70.4845, 71.8454, 50.5630



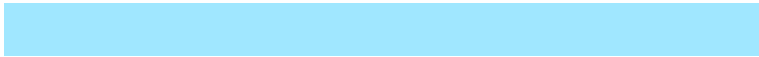
61.1231, 71.8454, 105.2538



79.5496, 71.8454, 68.1969

Square

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



61.1231, 71.8454, 105.2538



77.1664, 71.8454, 101.4942



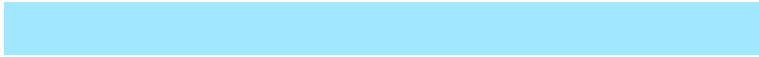
75.9896, 71.8454, 56.2753



60.1161, 71.8454, 58.8195

Rectangle

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



61.1231, 71.8454, 105.2538



70.0529, 71.8454, 114.7704



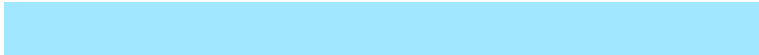
75.9896, 71.8454, 56.2753



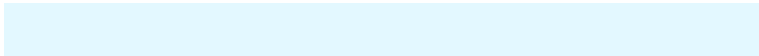
66.5509, 71.8454, 50.4033

Sweetspot

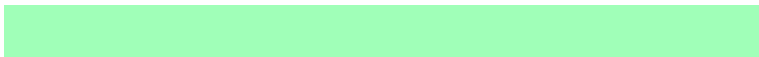
The Sweet Spot groups the original color and five complimentary colors.



61.1251, 71.8481, 105.2542



83.2539, 90.6251, 107.7122



58.8839, 82.4443, 58.0216



17.5314, 19.1638, 23.0249



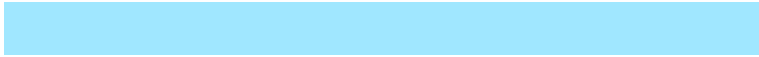
0.0000, 0.0000, 0.0000



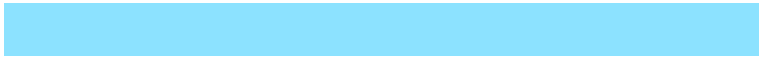
20.3446, 21.4041, 23.3091

Same Dimension

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



61.1251, 71.8481, 105.2542



56.1076, 67.2176, 104.6249



49.6372, 48.8725, 101.4249



18.1436, 19.6587, 23.0882



19.2450, 23.3996, 52.9368



1.9609, 2.4525, 5.1833

Inverse Universe

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



68.2359, 52.1728, 82.0782



64.3841, 45.5811, 77.3663



76.2317, 81.0907, 44.8938



18.5851, 18.2174, 21.6983



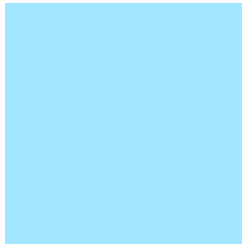
26.5022, 13.0902, 27.0927



2.6244, 1.2921, 2.8693

Previews

White Background



This preview shows how the XYZ color 61.1231, 71.8454, 105.2538 looks on a white background.

Color Contrast Check

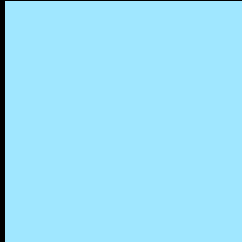
Large Text (above 18pt) WCAG AA × Fail

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 61.1231, 71.8454, 105.2538 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 61.1231, 71.8454, 105.2538

Background



This preview shows how black text looks on a background with the XYZ color 61.1231, 71.8454, 105.2538.

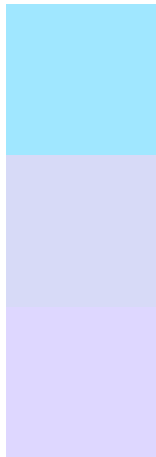


This preview shows how white text looks on a background with the XYZ color 61.1231, 71.8454,

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

61.1231, 71.8454, 105.2538

Protanopia

69.8842, 71.3053, 98.0757

Deuteranopia

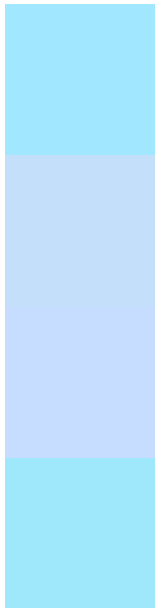
72.4746, 71.3505, 104.5599



Tritanopia

60.4100, 71.9863, 101.1533

Trichromacy



Original Color

61.1231, 71.8454, 105.2538

Protanomaly

66.1487, 71.2796, 100.7144

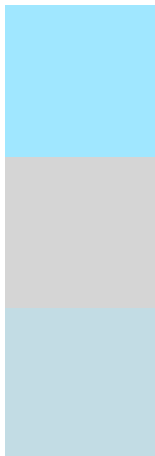
Deuteranomaly

67.4596, 71.0750, 104.7711

Tritanomaly

60.7254, 72.1124, 102.8140

Monochromacy



Original Color

61.1231, 71.8454, 105.2538

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.8449, 68.2572, 83.3142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1231, 71.8454, 105.2538 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(160, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(160, 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(160, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 231, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.1231, 71.8454, 105.2538 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(160, 231, 255) }
```


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

```
.border{ border-color:rgb(160, 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(160, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(160, 231,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1231, 71.8454, 105.2538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 231, 255) }
```

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

```
.background{ background-color: rgb(160,  
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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