

Converting Colors

XYZ(63.5191, 71.9775,
117.1144)

Have a look what the booklet for
XYZ(63.5191, 71.9775, 117.1144)
contains.

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Color

**XYZ(61.1736, 71.0452,
105.0966)**

Conversions

Conversions Part 1

Format	Color
Hex	A3E5FF
RGB	163, 229, 255
RGB Percent	64%, 90%, 100%
CMY	0.3608, 0.1019, 0.0000
CMYK	0.36, 0.10, 0.00, 0.00
HSL	197°, 100%, 82%
HSV	197°, 36%, 100%
XYZ	61.1736, 71.0452, 105.0966
YIQ	212.2300, -47.6820, -5.9060

Conversions

Conversions Part 2

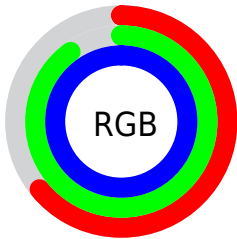
Format	Color
R _Y B	163, 201, 255
Decimal	10741247
CIE Lab	87.51, -14.45, -19.19
CIE LCh	88, 24.028, 233.018
Yxy	71.0452, 0.2578, 0.2994
Android (android.graphics.Color)	4288931327 (0xFFA3E5FF)
YUV	212.2300, 21.0856, -43.1747
Hunter-Lab	84.2883, -17.9553, -14.9251

Details

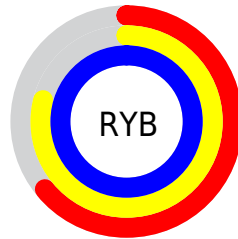
The XYZ color **61.1736, 71.0452, 105.0966** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66.0488, 60.2997, 42.8101**, and the grayscale version is **62.6209, 65.8820, 71.7455**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **31.2000, 37.0902, 58.9408** is the 20% darker color. If you saturate the color by 10%, you get **54.5172, 64.7166, 104.2259**, and if you desaturate by 10%, it is **68.9694, 78.0873, 106.0450**.

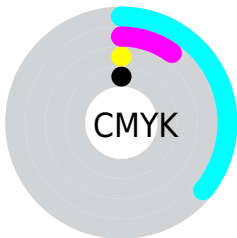
Distribution



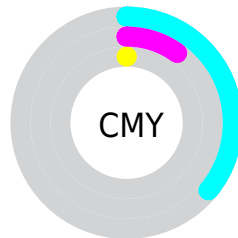
- Red (64%)
- Green (90%)
- Blue (100%)



- Red (64%)
- Yellow (79%)
- Blue (100%)



- Cyan (36%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1736, 71.0452, 105.0966 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 61.1736, 71.0452, 105.0966 by changing the saturation by 10% instead.

61.1736, 71.0452,
105.0966

61.1736, 71.0452,
105.0966

418.6760,
464.2114, 597.7978

44.6184, 52.3791,
79.9232

105.6269,
120.6981, 170.2564

31.3569, 37.3073,
59.1293

134.2558,
152.4536, 211.0798

21.0239, 25.4455,
42.2966

167.6398,
189.3411, 257.9569

13.2541, 16.4093,
29.0063

206.1444,
231.7449, 311.3064

7.6819, 9.8142,
18.8399

250.1350,
280.0495, 371.5467

3.9422, 5.2760,
11.3790

299.9769,

1.6695, 2.4101,

334.6392, 439.0963

6.2050

356.0354,
395.8983, 514.3738

■ 0.4371, 0.8311,
2.8993

■ 0.0000, 0.0000,
1.0435

■ 61.1736, 71.0452,
105.0966

■ 61.1736, 71.0452,
105.0966

■ 54.5172, 64.7166,
104.2259

■ 68.9694, 78.0873,
106.0450

■ 48.9295, 59.0587,
103.4284

■ 77.9579, 85.8670,
107.0729

■ 44.3411, 54.0359,
102.7007

■ 88.1960, 94.4165,
108.1835

■ 40.6710, 49.6048,
102.0388

95.0500, 100.0000,
108.9000

■ 37.8250, 45.7154,
101.4381

■ 35.6857, 42.3055,
100.8927

■ 34.9717, 41.0635,
100.6906

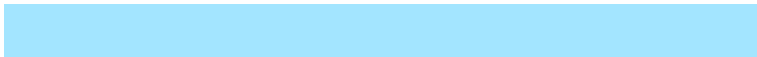
Harmonies

Analogous

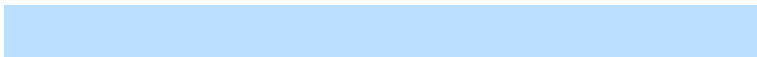
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.9745, 71.0452, 90.2283



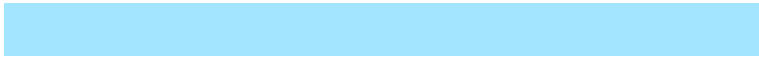
61.1736, 71.0452, 105.0966



66.2088, 71.0452, 112.6993

Triad

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



61.1736, 71.0452, 105.0966



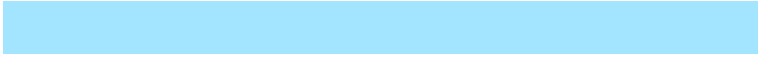
78.9447, 71.0452, 81.2167



63.3495, 71.0452, 52.0148

Complementary

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



61.1736, 71.0452, 105.0966



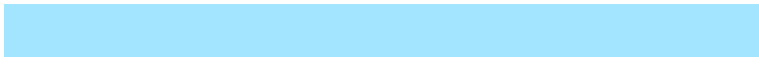
66.0488, 60.2997, 42.8101

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.



68.8612, 71.0452, 50.3024



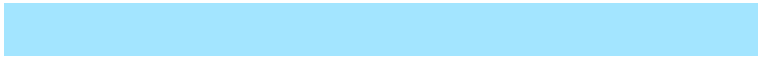
61.1736, 71.0452, 105.0966



78.0737, 71.0452, 65.7704

Square

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



61.1736, 71.0452, 105.0966



76.6219, 71.0452, 97.7157



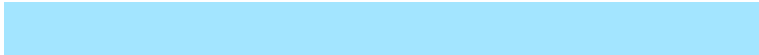
74.3043, 71.0452, 54.9847



59.1807, 71.0452, 60.0413

Rectangle

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



61.1736, 71.0452, 105.0966



70.0139, 71.0452, 111.9666



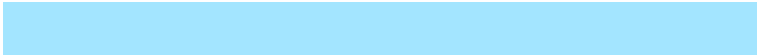
74.3043, 71.0452, 54.9847



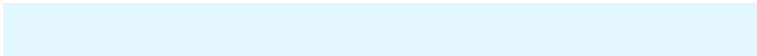
65.0984, 71.0452, 50.7325

Sweetspot

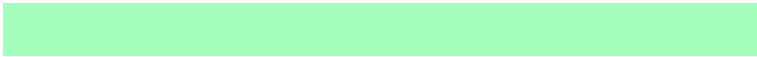
The Sweet Spot groups the original color and five complimentary colors.



61.1756, 71.0479, 105.0971



82.9961, 90.1094, 107.6262



59.8923, 82.9178, 60.1634



17.4697, 19.0404, 23.0044



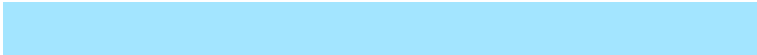
0.0000, 0.0000, 0.0000



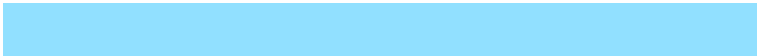
20.3446, 21.4041, 23.3091

Same Dimension

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



61.1756, 71.0479, 105.0971



56.4487, 66.5912, 104.4860



50.3934, 49.4835, 101.5030



18.0956, 19.5628, 23.0722



18.4067, 21.7229, 52.6574



1.8850, 2.3007, 5.1580

Inverse Universe

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



68.4814, 53.1132, 80.7743



64.8756, 47.0006, 76.1847



77.1416, 82.4853, 46.5077



18.5609, 18.2077, 21.5709



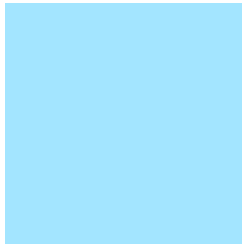
26.0790, 12.9209, 24.8644



2.5861, 1.2768, 2.6677

Previews

White Background



This preview shows how the XYZ color 61.1736, 71.0452, 105.0966 looks on a white background.

Color Contrast Check

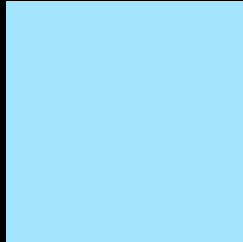
Large Text (above 18pt) WCAG AA × Fail

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 61.1736, 71.0452, 105.0966 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 61.1736, 71.0452, 105.0966

Background



This preview shows how black text looks on a background with the XYZ color 61.1736, 71.0452, 105.0966.

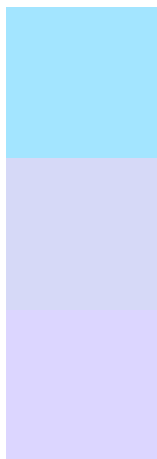


This preview shows how white text looks on a background with the XYZ color 61.1736, 71.0452,

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

61.1736, 71.0452, 105.0966

Protanopia

69.3329, 70.6373, 97.9758

Deuteranopia

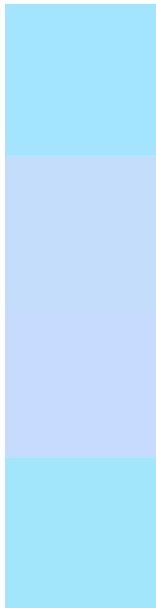
71.6118, 70.5288, 104.4468



Tritanopia

60.0936, 71.0102, 100.1616

Trichromacy



Original Color

61.1736, 71.0452, 105.0966

Protanomaly

65.6174, 70.2171, 100.5373

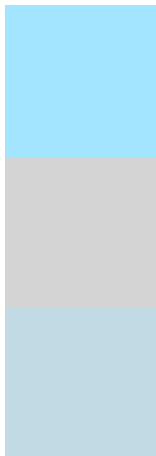
Deuteranomaly

66.9347, 70.0251, 104.5961

Tritanomaly

60.6097, 71.2400, 101.8230

Monochromacy



Original Color

61.1736, 71.0452, 105.0966

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.3231, 67.2136, 83.1402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1736, 71.0452, 105.0966 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(163, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(163, 229, 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(163, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 229, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.1736, 71.0452, 105.0966 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(163, 229, 255) }
```


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

```
.border{ border-color:rgb(163, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 229, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 229, 255); box-shadow:4px 4px 4px 4px rgb(163, 229, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1736, 71.0452, 105.0966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 229, 255) }
```

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

```
.background{ background-color: rgb(163,  
229, 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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