

Converting Colors

XYZ(61.2035, 71.6713, 96.1961)

Have a look what the booklet for
XYZ(61.2035, 71.6713, 96.1961)
contains.

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Color

**XYZ(61.2035, 71.6713,
96.1961)**

Conversions

Conversions Part 1

Format	Color
Hex	AAE6F4
RGB	170, 230, 244
RGB Percent	67%, 90%, 96%
CMY	0.3333, 0.0980, 0.0431
CMYK	0.30, 0.06, 0.00, 0.04
HSL	191°, 77%, 81%
HSV	191°, 30%, 96%
XYZ	61.2035, 71.6713, 96.1961
YIQ	213.6560, -40.2540, -8.3660

Conversions

Conversions Part 2

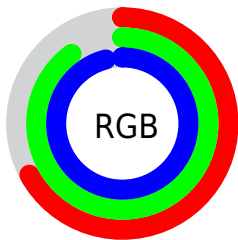
Format	Color
RYB	170, 203, 244
Decimal	11200244
CIELab	87.81, -15.69, -12.93
CIELCh	88, 20.329, 219.482
Yxy	71.6713, 0.2672, 0.3129
Android (android.graphics.Color)	4289390324 (0xFFAAE6F4)
YUV	213.6560, 14.9596, -38.2863
Hunter-Lab	84.6589, -19.1079, -8.1087

Details

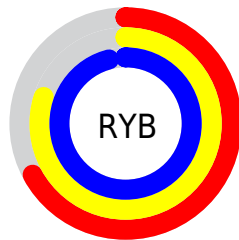
The XYZ color **61.2035, 71.6713, 96.1961** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.7054, 56.4170, 45.6692**, and the grayscale version is **63.6092, 66.9218, 72.8778**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **31.2834, 37.5478, 53.1756** is the 20% darker color. If you saturate the color by 10%, you get **55.1434, 66.6673, 95.5508**, and if you desaturate by 10%, it is **68.2808, 77.2537, 96.9018**.

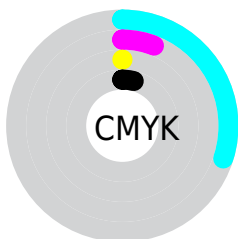
Distribution



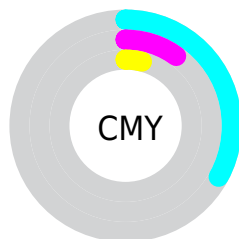
- Red (67%)
- Green (90%)
- Blue (96%)



- Red (67%)
- Yellow (80%)
- Blue (96%)



- Cyan (30%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (33%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2035, 71.6713, 96.1961 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 61.2035, 71.6713, 96.1961 by changing the saturation by 10% instead.

61.2035, 71.6713,
96.1961

61.2035, 71.6713,
96.1961

418.7838,
466.3967, 569.0690

44.6426, 52.8902,
72.5285

105.6700,
121.5891, 157.9258

31.3761, 37.7151,
53.1011

134.3063,
153.4946, 196.8250

21.0386, 25.7617,
37.4952

167.6984,
190.5437, 241.6385

13.2649, 16.6454,
25.2923

206.2116,
233.1207, 292.7848

7.6894, 9.9820,
16.0740

250.2115,
281.6102, 350.6824

3.9470, 5.3870,
9.4216

300.0632,

1.6722, 2.4761,

336.3964, 415.7500

4.9166

356.1322,
397.8638, 488.4060

■ 0.4388, 0.8646,
2.1405

■ 0.0000, 0.0000,
0.6397

■ 61.2035, 71.6713,
96.1961

■ 61.2035, 71.6713,
96.1961

■ 55.1434, 66.6673,
95.5508

■ 68.2808, 77.2537,
96.9018

■ 50.0397, 62.2047,
94.9585

■ 76.4191, 83.4322,
97.6654

■ 45.8345, 58.2550,
94.4177

■ 85.6677, 90.2342,
98.4909

■ 42.4612, 54.7835,
93.9255

■ 91.2802, 95.2135,
99.1562

■ 39.8435, 51.7504,
93.4780

■ 92.7204, 98.0938,
99.6362

■ 37.8904, 49.1085,
93.0710

■ 93.3294, 99.3117,
99.8392

■ 36.4885, 46.8500,
92.7089

Harmonies

Analogous

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



59.3677, 71.6713, 82.5011



61.2035, 71.6713, 96.1961



64.9186, 71.6713, 105.6855

Triad

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



61.2035, 71.6713, 96.1961



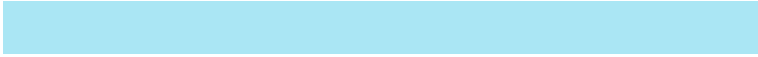
77.1926, 71.6713, 87.7340



66.6032, 71.6713, 54.6386

Complementary

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



61.2035, 71.6713, 96.1961



61.7054, 56.4170, 45.6692

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.



71.4278, 71.6713, 55.6888



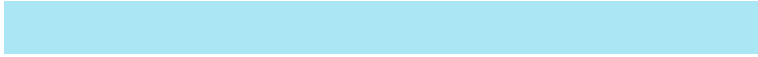
61.2035, 71.6713, 96.1961



77.6960, 71.6713, 73.7386

Square

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



61.2035, 71.6713, 96.1961



74.1973, 71.6713, 100.4133



75.5419, 71.6713, 62.3218



62.3866, 71.6713, 59.2608

Rectangle

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



61.2035, 71.6713, 96.1961



68.0376, 71.6713, 107.7624



75.5419, 71.6713, 62.3218



68.2054, 71.6713, 54.3534

Sweetspot

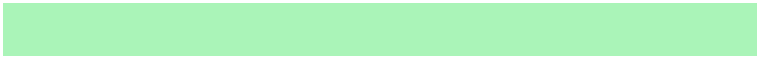
The Sweet Spot groups the original color and five complimentary colors.



61.2057, 71.6742, 96.1977



85.7356, 93.1656, 108.0717



57.5361, 76.6914, 56.8817



18.0490, 19.7162, 23.1043



0.0000, 0.0000, 0.0000



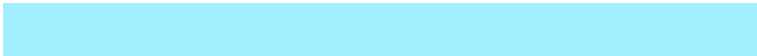
20.3446, 21.4041, 23.3091

Same Dimension

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



61.2057, 71.6742, 96.1977



63.6637, 75.9646, 105.9149



52.0742, 53.4112, 93.1539



16.7147, 18.1937, 21.1733



19.9356, 25.6650, 50.4411



1.8192, 2.3899, 4.4557

Inverse Universe

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



65.9676, 53.6975, 81.7538



69.7518, 53.6771, 87.2927



70.3075, 73.6212, 48.5366



17.0713, 16.7114, 20.1221



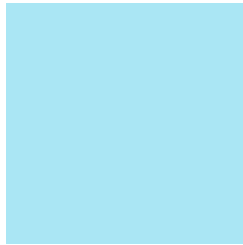
25.8671, 12.6903, 30.3381



2.3073, 1.1289, 2.8448

Previews

White Background



This preview shows how the XYZ color 61.2035, 71.6713, 96.1961 looks on a white background.

Color Contrast Check

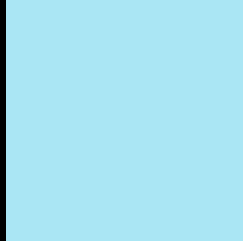
Large Text (above 18pt) WCAG AA × Fail

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 61.2035, 71.6713, 96.1961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

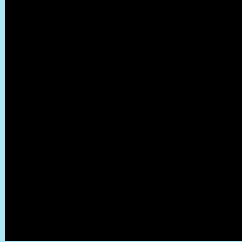
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2035, 71.6713, 96.1961

Background



This preview shows how black text looks on a background with the XYZ color 61.2035, 71.6713, 96.1961.

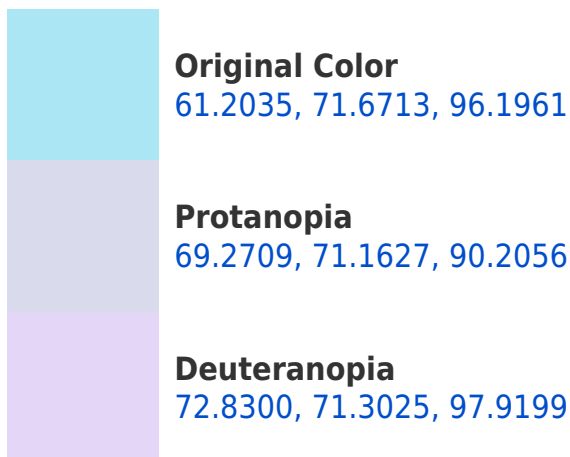


This preview shows how white text looks on a background with the XYZ color 61.2035, 71.6713,

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

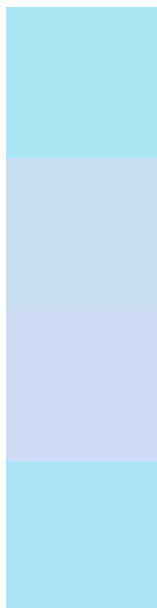




Tritanopia

61.7572, 71.4739, 99.3478

Trichromacy



Original Color

61.2035, 71.6713, 96.1961

Protanomaly

65.9368, 70.9513, 92.6578

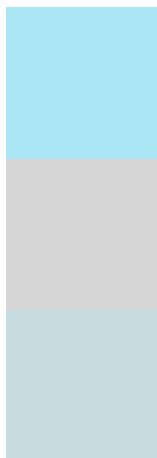
Deuteranomaly

67.9599, 71.1056, 97.3317

Tritanomaly

61.6024, 71.4120, 98.5328

Monochromacy



Original Color

61.2035, 71.6713, 96.1961

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.4725, 68.6284, 81.1881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2035, 71.6713, 96.1961 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(170, 230, 244)` looks like.

```
.text, #text, p{  
    color:rgb(170, 230, 244)  
}
```

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(170, 230, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 230, 244) }
```

Border

The CSS property to change the border of an element to XYZ 61.2035, 71.6713, 96.1961 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(170, 230, 244) }
```


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

```
.border{ border-color:rgb(170, 230, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 230, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 230, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 230, 244);  
box-shadow:4px 4px 4px 4px rgb(170, 230,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2035, 71.6713, 96.1961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 230, 244) }
```

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

```
.background{ background-color: rgb(170,  
230, 244) }
```

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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