

Converting Colors

XYZ(61.0794, 70.7656, 96.6670)

Have a look what the booklet for
XYZ(61.0794, 70.7656, 96.6670)
contains.

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Color

**XYZ(61.0194, 70.7373,
96.8238)**

Conversions

Conversions Part 1

Format	Color
Hex	ABE4F5
RGB	171, 228, 245
RGB Percent	67%, 89%, 96%
CMY	0.3294, 0.1059, 0.0392
CMYK	0.30, 0.07, 0.00, 0.04
HSL	194°, 79%, 82%
HSV	194°, 30%, 96%
XYZ	61.0194, 70.7373, 96.8238
YIQ	212.8950, -39.4290, -6.7970

Conversions

Conversions Part 2

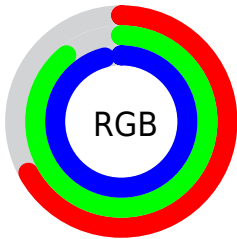
Format	Color
RYB	171, 203, 245
Decimal	11265269
CIELab	87.36, -14.17, -14.12
CIELCh	87, 20.008, 224.902
Yxy	70.7373, 0.2669, 0.3095
Android (android.graphics.Color)	4289455349 (0xFFABE4F5)
YUV	212.8950, 15.8278, -36.7419
Hunter-Lab	84.1055, -17.6809, -9.3819

Details

The XYZ color **61.0194, 70.7373, 96.8238** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62.9910, 58.3198, 46.4666**, and the grayscale version is **63.0938, 66.3796, 72.2874**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **31.3313, 37.2743, 53.6874** is the 20% darker color. If you saturate the color by 10%, you get **54.6468, 65.1927, 96.0907**, and if you desaturate by 10%, it is **68.4358, 76.8982, 97.6233**.

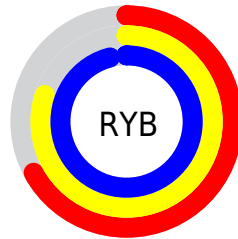
Distribution



Red (67%)

Green (89%)

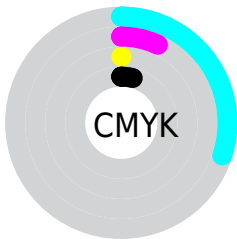
Blue (96%)



Red (67%)

Yellow (80%)

Blue (96%)

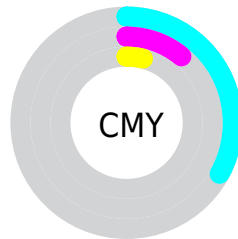


Cyan (30%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (33%)

Magenta (11%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0194, 70.7373, 96.8238 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 61.0194, 70.7373, 96.8238 by changing the saturation by 10% instead.

61.0194, 70.7373,
96.8238

61.0194, 70.7373,
96.8238

418.1199,
463.1346, 571.1201

44.4934, 52.1278,
73.0486

105.4050,
120.2596, 158.7990

31.2582, 37.1070,
53.5236

133.9953,
151.9412, 197.8362

20.9483, 25.2903,
37.8304

167.3378,
188.7490, 242.7977

13.1985, 16.2935,
25.5503

205.7977,
231.0674, 294.1022

7.6433, 9.7321,
16.2647

249.7406,
279.2808, 352.1681

3.9174, 5.2217,
9.5553

299.5317,

1.6555, 2.3779,

333.7735, 417.4140

5.0034

355.5363,
394.9300, 490.2586

■ 0.4282, 0.8145,
2.1905

■ 0.0000, 0.0000,
0.6689

■ 61.0194, 70.7373,
96.8238

■ 61.0194, 70.7373,
96.8238

■ 54.6468, 65.1927,
96.0907

■ 68.4358, 76.8982,
97.6233

■ 49.2563, 60.2269,
95.4163

■ 76.9405, 83.6939,
98.4867

■ 44.7896, 55.8106,
94.7993

■ 86.5832, 91.1525,
99.4182

■ 41.1791, 51.9085,
94.2364

■ 92.0674, 96.5442,
100.1698

■ 38.3477, 48.4799,
93.7238

■ 93.4817, 99.3727,
100.6412

■ 36.2033, 45.4767,
93.2572

■ 34.6202, 42.8698,
92.8374

Harmonies

Analogous

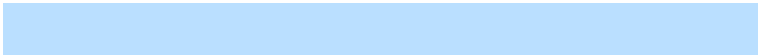
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.8543, 70.7373, 83.8872



61.0194, 70.7373, 96.8238



64.9018, 70.7373, 104.8816

Triad

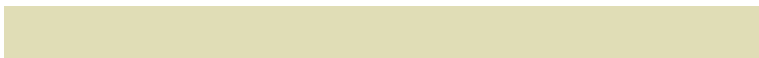
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.0194, 70.7373, 96.8238



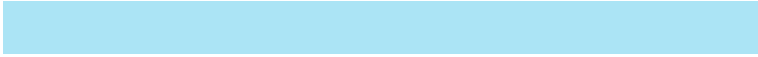
76.3642, 70.7373, 83.9776



64.9309, 70.7373, 54.5724

Complementary

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



61.0194, 70.7373, 96.8238



62.9910, 58.3198, 46.4666

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.



69.6208, 70.7373, 54.5905



61.0194, 70.7373, 96.8238



76.3729, 70.7373, 70.5398

Square

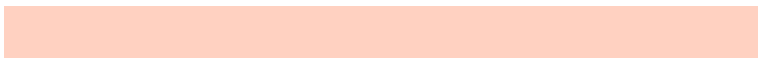
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.0194, 70.7373, 96.8238



73.8330, 70.7373, 96.8966



73.8562, 70.7373, 60.1208



61.0398, 70.7373, 60.0679

Rectangle

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



61.0194, 70.7373, 96.8238



68.0108, 70.7373, 105.8682



73.8562, 70.7373, 60.1208



66.4625, 70.7373, 53.9566

Sweetspot

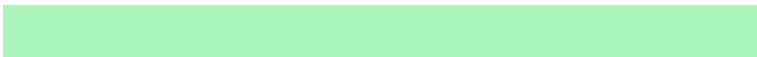
The Sweet Spot groups the original color and five complimentary colors.



61.0215, 70.7401, 96.8254



85.4462, 92.5867, 107.9753



58.4217, 77.5534, 58.9242



17.9774, 19.5729, 23.0804



0.0000, 0.0000, 0.0000



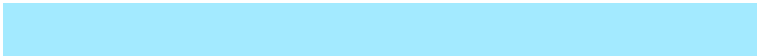
20.3446, 21.4041, 23.3091

Same Dimension

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



61.0215, 70.7401, 96.8254



62.5935, 73.8242, 105.5582



52.1199, 52.9368, 93.8582



16.6551, 18.0745, 21.1535



18.7603, 23.3143, 50.0494



1.7256, 2.2025, 4.4244

Inverse Universe

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



66.2244, 54.1415, 80.3618



69.2116, 53.4610, 84.4481



71.6729, 75.6834, 49.3605



17.0412, 16.6994, 19.9638



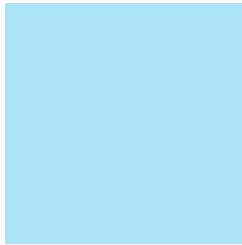
25.2738, 12.4530, 27.2141



2.2600, 1.1100, 2.5958

Previews

White Background



This preview shows how the XYZ color 61.0194, 70.7373, 96.8238 looks on a white background.

Color Contrast Check

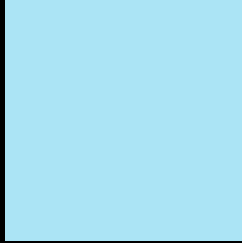
Large Text (above 18pt) WCAG AA × Fail

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 61.0194, 70.7373, 96.8238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

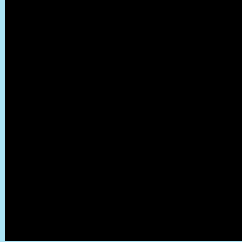
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0194, 70.7373, 96.8238

Background



This preview shows how black text looks on a background with the XYZ color 61.0194, 70.7373, 96.8238.

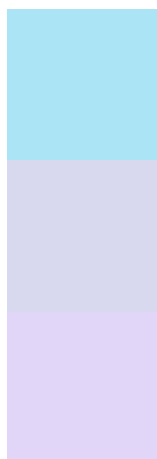


This preview shows how white text looks on a background with the XYZ color 61.0194, 70.7373,

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

61.0194, 70.7373, 96.8238

Protanopia

68.5644, 70.3977, 90.8633

Deuteranopia

71.7889, 70.3734, 98.6067



Tritanopia

61.1725, 70.7986, 97.6301

Trichromacy



Original Color

61.0194, 70.7373, 96.8238

Protanomaly

65.5531, 70.3431, 93.3417

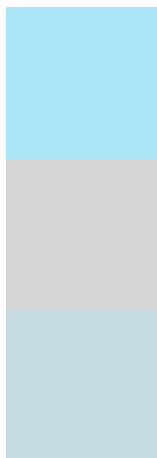
Deuteranomaly

67.0367, 69.8373, 97.9424

Tritanomaly

61.1725, 70.7986, 97.6301

Monochromacy



Original Color

61.0194, 70.7373, 96.8238

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.9507, 67.5848, 81.0142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0194, 70.7373, 96.8238 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(171, 228, 245)` looks like.

```
.text, #text, p{  
    color:rgb(171, 228, 245)  
}
```

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(171, 228, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 228, 245) }
```

Border

The CSS property to change the border of an element to XYZ 61.0194, 70.7373, 96.8238 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(171, 228, 245) }
```


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

```
.border{ border-color:rgb(171, 228, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 228, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 228, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 228, 245);  
box-shadow:4px 4px 4px 4px rgb(171, 228,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0194, 70.7373, 96.8238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 228, 245) }
```

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

```
.background{ background-color: rgb(171,  
228, 245) }
```

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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