

Converting Colors

XYZ(61.6856, 71.5923, 97.6234)

Have a look what the booklet for
XYZ(61.6856, 71.5923, 97.6234)
contains.

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Color

**XYZ(61.6671, 71.4631,
97.7323)**

Conversions

Conversions Part 1

Format	Color
Hex	ACE5F6
RGB	172, 229, 246
RGB Percent	67%, 90%, 96%
CMY	0.3255, 0.1019, 0.0353
CMYK	0.30, 0.07, 0.00, 0.04
HSL	194°, 80%, 82%
HSV	194°, 30%, 96%
XYZ	61.6671, 71.4631, 97.7323
YIQ	213.8950, -39.4290, -6.7970

Conversions

Conversions Part 2

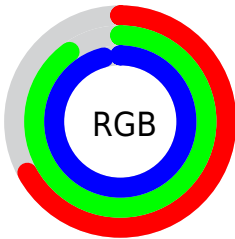
Format	Color
R _Y B	172, 204, 246
Decimal	11331062
CIE _{Lab}	87.71, -14.17, -14.12
CIE _{LCh}	88, 20.001, 224.891
Y _{xy}	71.4631, 0.2671, 0.3095
Android (android.graphics.Color)	4289521142 (0xFFACE5F6)
YUV	213.8950, 15.8278, -36.7419
Hunter-Lab	84.5359, -17.7258, -9.3704

Details

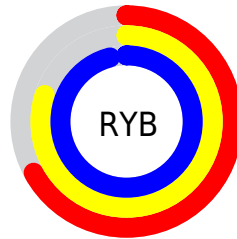
The XYZ color **61.6671, 71.4631, 97.7323** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.6509, 58.9671, 47.0584**, and the grayscale version is **63.7636, 67.0843, 73.0548**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **31.5740, 37.3868, 54.2674** is the 20% darker color. If you saturate the color by 10%, you get **55.2221, 65.8589, 96.9915**, and if you desaturate by 10%, it is **69.1666, 77.6900, 98.5401**.

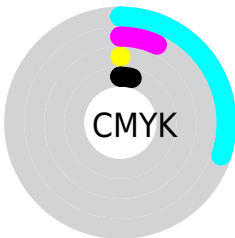
Distribution



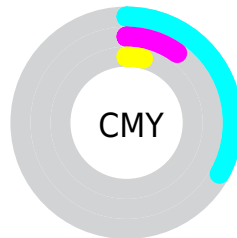
- Red (67%)
- Green (90%)
- Blue (96%)



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



- Cyan (30%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6671, 71.4631, 97.7323 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 61.6671, 71.4631, 97.7323 by changing the saturation by 10% instead.

61.6671, 71.4631,
97.7323

61.6671, 71.4631,
97.7323

420.4527,
465.6707, 574.0819

45.0183, 52.7202,
73.8017

106.3369,
121.2929, 160.0619

31.6732, 37.5795,
54.1360

135.0887,
153.1486, 199.2981

21.2664, 25.6565,
38.3165

168.6055,
190.1440, 244.4732

13.4324, 16.5668,
25.9247

207.2527,
232.6635, 296.0058

7.8060, 9.9261,
16.5420

251.3957,
281.0916, 354.3144

4.0218, 5.3500,
9.7500

301.3997,

1.7145, 2.4541,

335.8125, 419.8176

5.1301

357.6303,
397.2107, 492.9339

■ 0.4653, 0.8535,
2.2637

■ 0.0000, 0.0000,
0.7108

■ 61.6671, 71.4631,
97.7323

■ 61.6671, 71.4631,
97.7323

■ 55.2221, 65.8589,
96.9915

■ 69.1666, 77.6900,
98.5401

■ 49.7695, 60.8393,
96.3100

■ 77.7657, 84.5582,
99.4126

■ 45.2503, 56.3751,
95.6865

■ 87.5144, 92.0961,
100.3538

■ 41.5965, 52.4305,
95.1177

■ 92.5618, 97.2879,
101.0899

■ 38.7303, 48.9644,
94.5997

■ 93.6348, 99.4339,
101.4475

■ 36.5588, 45.9285,
94.1282

■ 34.9392, 43.2627,
93.6990

Harmonies

Analogous

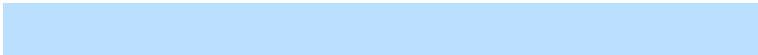
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.4881, 71.4631, 84.7160



61.6671, 71.4631, 97.7323



65.5748, 71.4631, 105.8396

Triad

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



61.6671, 71.4631, 97.7323



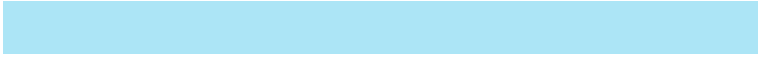
77.1112, 71.4631, 84.8173



65.6074, 71.4631, 55.2068

Complementary

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



61.6671, 71.4631, 97.7323



63.6509, 58.9671, 47.0584

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.



70.3277, 71.4631, 55.2272



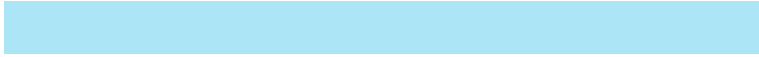
61.6671, 71.4631, 97.7323



77.1209, 71.4631, 71.2921

Square

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



61.6671, 71.4631, 97.7323



74.5634, 71.4631, 97.8138



74.5894, 71.4631, 60.7996



61.6900, 71.4631, 60.7402

Rectangle

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



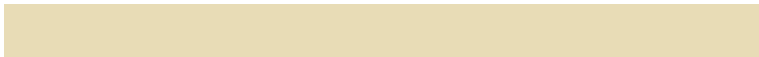
61.6671, 71.4631, 97.7323



68.7039, 71.4631, 106.8340



74.5894, 71.4631, 60.7996



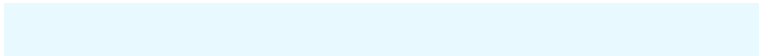
67.1491, 71.4631, 54.5872

Sweetspot

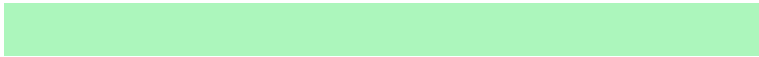
The Sweet Spot groups the original color and five complimentary colors.



61.6693, 71.4659, 97.7339



85.4462, 92.5867, 107.9753



59.0512, 78.3158, 59.6016



17.9774, 19.5729, 23.0804



0.0000, 0.0000, 0.0000



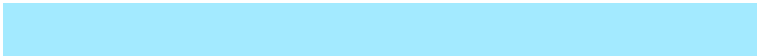
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6693, 71.4659, 97.7339



62.5935, 73.8242, 105.5582



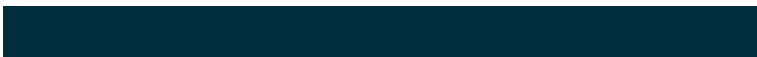
52.7120, 53.5513, 94.7482



16.6551, 18.0745, 21.1535



18.7603, 23.3144, 50.0494



1.7256, 2.2026, 4.4244

Inverse Universe

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



66.9032, 54.7568, 81.1748



69.2116, 53.4610, 84.4482



72.3880, 76.4413, 49.9708



17.0412, 16.6994, 19.9638



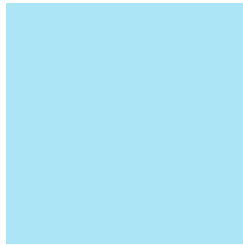
25.2738, 12.4530, 27.2141



2.2601, 1.1100, 2.5958

Previews

White Background



This preview shows how the XYZ color 61.6671, 71.4631, 97.7323 looks on a white background.

Color Contrast Check

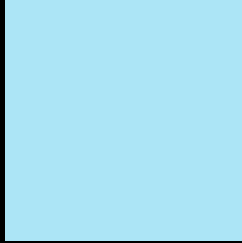
Large Text (above 18pt) WCAG AA × Fail

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 61.6671, 71.4631, 97.7323 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 61.6671, 71.4631, 97.7323

Background



This preview shows how black text looks on a background with the XYZ color 61.6671, 71.4631, 97.7323.

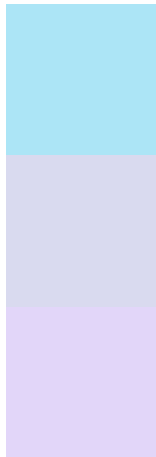


This preview shows how white text looks on a background with the XYZ color 61.6671, 71.4631,

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

61.6671, 71.4631, 97.7323

Protanopia

69.2667, 71.1265, 91.7394

Deuteranopia

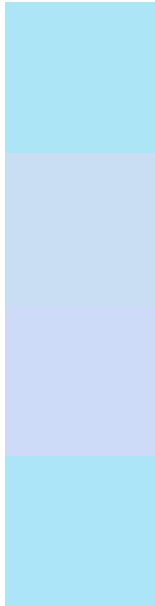
72.5095, 71.1014, 99.5248



Tritanopia

61.8211, 71.5247, 98.5430

Trichromacy



Original Color

61.6671, 71.4631, 97.7323

Protanomaly

66.2357, 71.0709, 94.2315

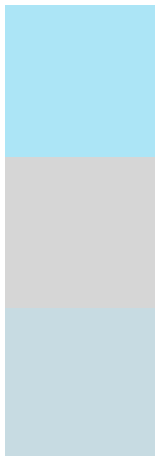
Deuteranomaly

67.7284, 70.5622, 98.8571

Tritanomaly

61.8211, 71.5247, 98.5430

Monochromacy



Original Color

61.6671, 71.4631, 97.7323

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.6122, 68.2961, 81.8340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6671, 71.4631, 97.7323 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(172, 229, 246)` looks like.

```
.text, #text, p{  
    color:rgb(172, 229, 246)  
}
```

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(172, 229, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 229, 246) }
```

Border

The CSS property to change the border of an element to XYZ 61.6671, 71.4631, 97.7323 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(172, 229, 246) }
```


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

```
.border{ border-color:rgb(172, 229, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 229, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 229, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 229, 246);  
box-shadow:4px 4px 4px 4px rgb(172, 229,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6671, 71.4631, 97.7323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 229, 246) }
```

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

```
.background{ background-color: rgb(172,  
229, 246) }
```

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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