

Converting Colors

XYZ(61.8091, 71.9187, 89.5947)

Have a look what the booklet for
XYZ(61.8091, 71.9187, 89.5947)
contains.

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Color

**XYZ(61.6051, 71.6205,
89.1745)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E5EB
RGB	179, 229, 235
RGB Percent	70%, 90%, 92%
CMY	0.2980, 0.1019, 0.0784
CMYK	0.24, 0.03, 0.00, 0.08
HSL	186°, 58%, 81%
HSV	186°, 24%, 92%
XYZ	61.6051, 71.6205, 89.1745
YIQ	214.7340, -31.7260, -8.7340

Conversions

Conversions Part 2

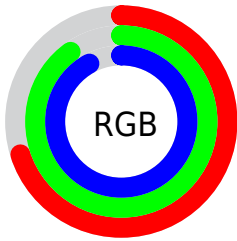
Format	Color
R _Y B	179, 205, 235
Decimal	11789803
CIE Lab	87.79, -14.64, -8.18
CIE LCh	88, 16.773, 209.192
Yxy	71.6205, 0.2770, 0.3220
Android (android.graphics.Color)	4289979883 (0xFFB3E5EB)
YUV	214.7340, 9.9911, -31.3387
Hunter-Lab	84.6289, -18.1626, -3.2344

Details

The XYZ color **61.6051, 71.6205, 89.1745** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.7473, 55.6150, 50.2350**, and the grayscale version is **64.3631, 67.7150, 73.7416**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **31.5377, 37.5018, 48.2242** is the 20% darker color. If you saturate the color by 10%, you get **55.9390, 67.6751, 88.7128**, and if you desaturate by 10%, it is **68.2110, 76.0691, 89.6862**.

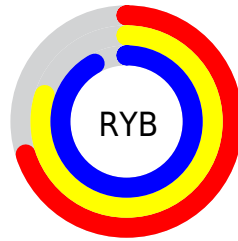
Distribution



Red (70%)

Green (90%)

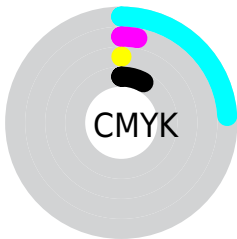
Blue (92%)



Red (70%)

Yellow (80%)

Blue (92%)

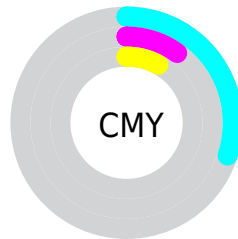


Cyan (24%)

Magenta (3%)

Yellow (0%)

Black (8%)



Cyan (30%)

Magenta (10%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6051, 71.6205, 89.1745 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 61.6051, 71.6205, 89.1745 by changing the saturation by 10% instead.

■ 61.6051, 71.6205,
89.1745

■ 61.6051, 71.6205,
89.1745

420.2297,
466.2196, 545.8425

■ 44.9681, 52.8487,
66.7263

■ 106.2477,
121.5168, 148.1167

■ 31.6335, 37.6820,
48.4021

134.9841,
153.4102, 185.4478

■ 21.2359, 25.7360,
33.7831

168.4842,
190.4462, 228.5769

■ 13.4100, 16.6262,
22.4510

207.1136,
233.0092, 277.9227

■ 7.7904, 9.9684,
13.9872

251.2374,
281.4837, 333.9036

■ 4.0118, 5.3780,
7.9731

301.2212,

■ 1.7088, 2.4707,

336.2540, 396.9382

3.9902

357.4301,
397.7045, 467.4450

■ 0.4618, 0.8619,
1.6200

■ 0.0000, 0.0000,
0.3050

■ 61.6051, 71.6205,
89.1745

■ 61.6051, 71.6205,
89.1745

■ 55.9390, 67.6751,
88.7128

■ 68.2110, 76.0691,
89.6862

■ 51.1596, 64.1998,
88.2939

■ 75.7942, 81.0347,
90.2450

■ 47.2178, 61.1712,
87.9171

■ 84.3975, 86.5413,
90.8544

■ 44.0574, 58.5602,
87.5797

■ 87.1230, 89.0330,
91.1917

41.6150, 56.3341,
87.2787

87.8653, 90.5175,
91.4391

39.8174, 54.4551,
87.0108

88.6178, 92.0226,
91.6900

38.5753, 52.8771,
86.7716

89.3807, 93.5484,
91.9443

38.0014, 52.0099,
86.6345

90.1540, 95.0950,
92.2020

90.9377, 96.6624,
92.4632

Harmonies

Analogous

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



60.7004, 71.6205, 77.6737



61.6051, 71.6205, 89.1745



64.2263, 71.6205, 98.3740

Triad

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



61.6051, 71.6205, 89.1745



74.8636, 71.6205, 89.7616



68.1812, 71.6205, 58.0467

Complementary

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



61.6051, 71.6205, 89.1745



59.7473, 55.6150, 50.2350

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.



72.0705, 71.6205, 60.6237



61.6051, 71.6205, 89.1745



76.0199, 71.6205, 78.2922

Square

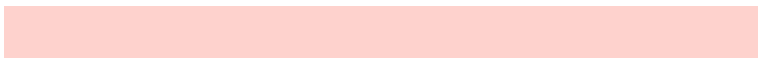
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.6051, 71.6205, 89.1745



71.8764, 71.6205, 98.7355



74.9788, 71.6205, 67.7685



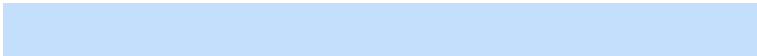
64.4064, 71.6205, 60.3626

Rectangle

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



61.6051, 71.6205, 89.1745



66.6474, 71.6205, 101.5665



74.9788, 71.6205, 67.7685



69.5191, 71.6205, 58.3650

Sweetspot

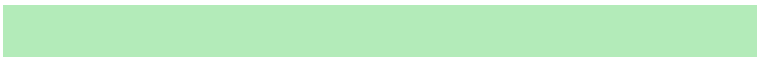
The Sweet Spot groups the original color and five complimentary colors.



61.6072, 71.6234, 89.1761



88.1784, 95.5567, 108.4045



57.0148, 72.4876, 56.6658



18.7530, 20.3743, 23.1942



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.



61.6072, 71.6234, 89.1761



70.4032, 83.6206, 107.0375



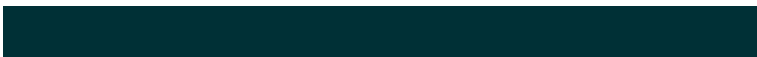
54.5672, 57.5433, 86.8295



15.3719, 16.8302, 19.3606



21.2063, 29.0596, 48.2343



1.7047, 2.3610, 3.8007

Inverse Universe

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



64.5256, 55.5611, 81.4556



74.5750, 61.0485, 95.9139



66.0927, 68.3057, 52.3501



15.6413, 15.2844, 18.6622



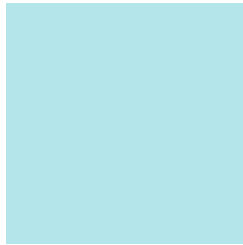
25.5593, 12.4264, 35.0760



2.0270, 0.9838, 2.8594

Previews

White Background



This preview shows how the XYZ color 61.6051, 71.6205, 89.1745 looks on a white background.

Color Contrast Check

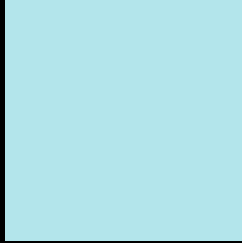
Large Text (above 18pt) WCAG AA × Fail

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 61.6051, 71.6205, 89.1745 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 61.6051, 71.6205, 89.1745

Background



This preview shows how black text looks on a background with the XYZ color 61.6051, 71.6205, 89.1745.

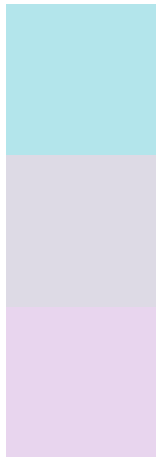


This preview shows how white text looks on a background with the XYZ color 61.6051, 71.6205,

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

61.6051, 71.6205, 89.1745

Protanopia

69.0331, 71.1721, 84.2279

Deuteranopia

72.5056, 70.9174, 90.7559



Tritanopia

63.1597, 71.4157, 97.6445

Trichromacy



Original Color

61.6051, 71.6205, 89.1745

Protanomaly

65.9987, 71.1339, 85.8530

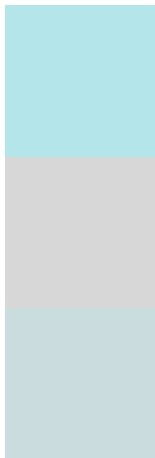
Deuteranomaly

68.0582, 70.9236, 90.2233

Tritanomaly

62.5928, 71.6009, 94.5258

Monochromacy



Original Color

61.6051, 71.6205, 89.1745

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.1351, 69.0169, 79.1013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6051, 71.6205, 89.1745 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(179, 229, 235)` looks like.

```
.text, #text, p{  
    color:rgb(179, 229, 235)  
}
```

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(179, 229, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 229, 235) }
```

Border

The CSS property to change the border of an element to XYZ 61.6051, 71.6205, 89.1745 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(179, 229, 235) }
```


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

```
.border{ border-color:rgb(179, 229, 235) }
```

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

Here you see how a box with a 4 pixel rgb(179, 229, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 229, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 229, 235);  
box-shadow:4px 4px 4px 4px rgb(179, 229,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6051, 71.6205, 89.1745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 229, 235) }
```

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

```
.background{ background-color: rgb(179,  
229, 235) }
```

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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