

Converting Colors

XYZ(61.5877, 70.9259, 89.1808)

Have a look what the booklet for
XYZ(61.5877, 70.9259, 89.1808)
contains.

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Color

**XYZ(61.5205, 70.7601,
89.0128)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E3EB
RGB	181, 227, 235
RGB Percent	71%, 89%, 92%
CMY	0.2902, 0.1098, 0.0784
CMYK	0.23, 0.03, 0.00, 0.08
HSL	189°, 57%, 82%
HSV	189°, 23%, 92%
XYZ	61.5205, 70.7601, 89.0128
YIQ	214.1580, -29.9840, -7.2640

Conversions

Conversions Part 2

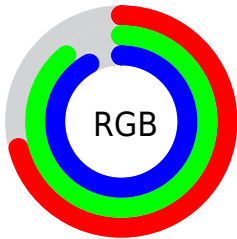
Format	Color
RYB	181, 206, 235
Decimal	11920363
CIELab	87.37, -13.04, -8.79
CIELCh	87, 15.726, 213.970
Yxy	70.7601, 0.2780, 0.3198
Android (android.graphics.Color)	4290110443 (0xFFB5E3EB)
YUV	214.1580, 10.2751, -29.0796
Hunter-Lab	84.1190, -16.6622, -3.8560

Details

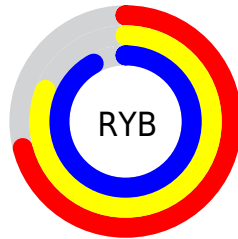
The XYZ color **61.5205, 70.7601, 89.0128** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.7996, 57.3936, 51.5910**, and the grayscale version is **63.9720, 67.3035, 73.2935**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **31.6416, 37.2717, 48.1743** is the 20% darker color. If you saturate the color by 10%, you get **55.5265, 66.2730, 88.4638**, and if you desaturate by 10%, it is **68.4674, 75.7706, 89.6149**.

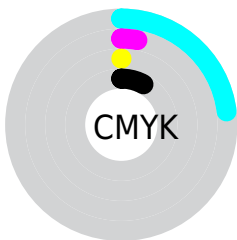
Distribution



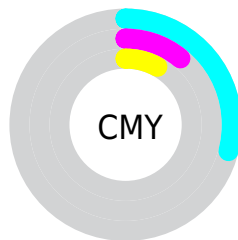
- Red (71%)
- Green (89%)
- Blue (92%)



- Red (71%)
- Yellow (81%)
- Blue (92%)



- Cyan (23%)
- Magenta (3%)
- Yellow (0%)
- Black (8%)



- Cyan (29%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5205, 70.7601, 89.0128 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 61.5205, 70.7601, 89.0128 by changing the saturation by 10% instead.

61.5205, 70.7601,
89.0128

61.5205, 70.7601,
89.0128

419.9254,
463.2144, 545.3013

44.8995, 52.1464,
66.5931

106.1261,
120.2921, 147.8899

31.5792, 37.1218,
48.2945

134.8414,
151.9792, 185.1843

21.1943, 25.3018,
33.6985

168.3188,
188.7929, 228.2740

13.3794, 16.3021,
22.3866

206.9237,
231.1176, 277.5776

7.7691, 9.7382,
13.9402

251.0214,
279.3377, 333.5136

3.9981, 5.2257,
7.9408

300.9774,

1.7011, 2.3803,

333.8376, 396.5005

3.9699

357.1569,
395.0017, 466.9569

■ 0.4569, 0.8157,
1.6088

■ 0.0000, 0.0000,
0.2971

■ 61.5205, 70.7601,
89.0128

■ 61.5205, 70.7601,
89.0128

■ 55.5265, 66.2730,
88.4638

■ 68.4674, 75.7706,
89.6149

■ 50.4323, 62.2763,
87.9608

■ 76.4043, 81.3184,
90.2675

■ 46.1893, 58.7467,
87.5032

■ 85.3740, 87.4275,
90.9739

■ 42.7416, 55.6552,
87.0882

■ 87.6688, 90.1247,
91.3735

40.0265, 52.9692,
86.7128

88.7085, 92.2040,
91.7201

37.9717, 50.6514,
86.3737

89.7679, 94.3229,
92.0732

36.4897, 48.6563,
86.0668

90.8473, 96.4816,
92.4330

35.6961, 47.3992,
85.8659

91.9466, 98.6802,
92.7995

91.9956, 98.7782,
92.8158

Harmonies

Analogous

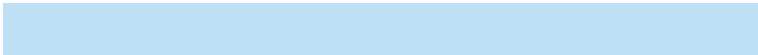
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.3982, 70.7601, 78.4663



61.5205, 70.7601, 89.0128



64.1783, 70.7601, 96.8636

Triad

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



61.5205, 70.7601, 89.0128



73.8595, 70.7601, 86.3472



66.7635, 70.7601, 58.4378

Complementary

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



61.5205, 70.7601, 89.0128



60.7996, 57.3936, 51.5910

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.



70.4292, 70.7601, 60.1339



61.5205, 70.7601, 89.0128



74.6128, 70.7601, 75.6424

Square

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



61.5205, 70.7601, 89.0128



71.3135, 70.7601, 95.2282



73.3360, 70.7601, 66.2024



63.3542, 70.7601, 61.3388

Rectangle

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



61.5205, 70.7601, 89.0128



66.5100, 70.7601, 99.1600



73.3360, 70.7601, 66.2024



68.0063, 70.7601, 58.4910

Sweetspot

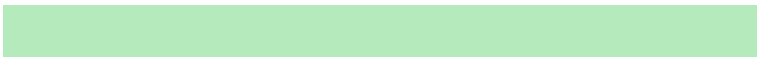
The Sweet Spot groups the original color and five complimentary colors.



61.5226, 70.7630, 89.0144



87.9476, 95.0953, 108.3276



57.8643, 72.8811, 58.7091



18.6994, 20.2671, 23.1763



0.0000, 0.0000, 0.0000



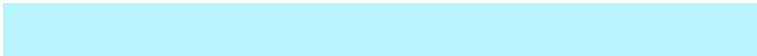
20.3446, 21.4041, 23.3091

Same Dimension

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



61.5226, 70.7630, 89.0144



70.2005, 82.3191, 106.7970



54.8928, 57.5034, 86.8045



15.3166, 16.7196, 19.3422



19.9405, 26.5280, 47.8124



1.6175, 2.1865, 3.7717

Inverse Universe

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



64.6516, 56.2575, 80.1276



74.6914, 61.9326, 93.9451



66.9541, 69.7025, 53.6425



15.6133, 15.2732, 18.5151



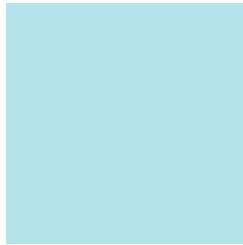
24.9203, 12.1708, 31.7115



1.9830, 0.9661, 2.6276

Previews

White Background



This preview shows how the XYZ color 61.5205, 70.7601, 89.0128 looks on a white background.

Color Contrast Check

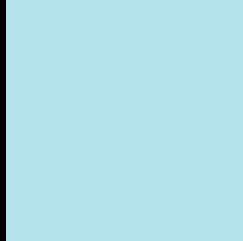
Large Text (above 18pt) WCAG AA × Fail

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 61.5205, 70.7601, 89.0128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

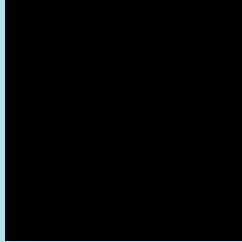
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5205, 70.7601, 89.0128

Background



This preview shows how black text looks on a background with the XYZ color 61.5205, 70.7601, 89.0128.

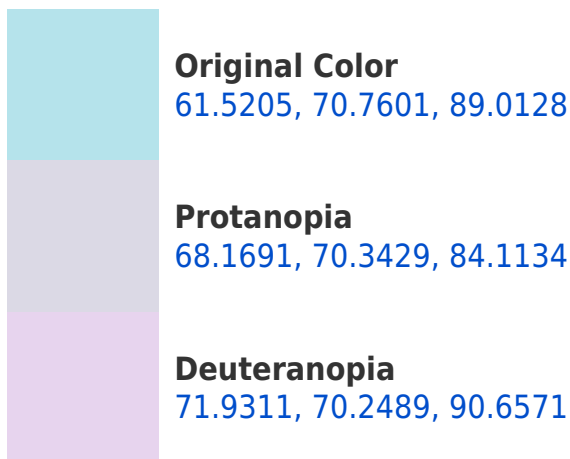


This preview shows how white text looks on a background with the XYZ color 61.5205, 70.7601,

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

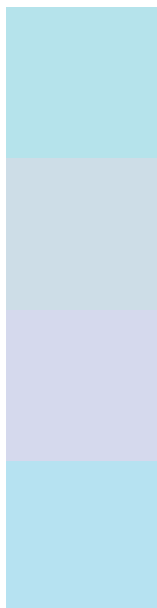




Tritanopia

63.0539, 70.9916, 95.9674

Trichromacy



Original Color

61.5205, 70.7601, 89.0128

Protanomaly

65.4571, 70.4616, 85.7518

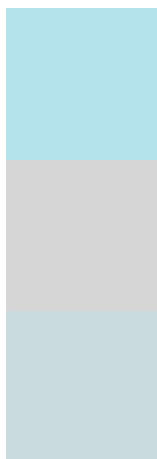
Deuteranomaly

67.5395, 69.8863, 90.0504

Tritanomaly

62.3649, 70.6887, 93.5764

Monochromacy



Original Color

61.5205, 70.7601, 89.0128

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.8735, 68.4935, 79.0140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5205, 70.7601, 89.0128 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(181, 227, 235)` looks like.

```
.text, #text, p{  
    color:rgb(181, 227, 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(181, 227, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 227, 235) }
```

Border

The CSS property to change the border of an element to XYZ 61.5205, 70.7601, 89.0128 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(181, 227, 235) }
```


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

```
.border{ border-color:rgb(181, 227, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 227, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 227, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 227, 235);  
box-shadow:4px 4px 4px 4px rgb(181, 227,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5205, 70.7601, 89.0128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 227, 235) }
```

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

```
.background{ background-color: rgb(181,  
227, 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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