

Converting Colors

XYZ(61.6358, 72.1306, 85.5369)

Have a look what the booklet for
XYZ(61.6358, 72.1306, 85.5369)
contains.

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Color

**XYZ(61.6358, 72.1306,
85.5369)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E6E6
RGB	181, 230, 230
RGB Percent	71%, 90%, 90%
CMY	0.2902, 0.0980, 0.0980
CMYK	0.21, 0.00, 0.00, 0.10
HSL	180°, 50%, 81%
HSV	180°, 21%, 90%
XYZ	61.6358, 72.1306, 85.5369
YIQ	215.3490, -29.2040, -10.3880

Conversions

Conversions Part 2

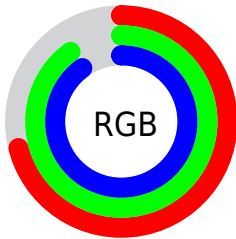
Format	Color
R_{YB}	181, 206, 230
Decimal	11921126
CIE _{Lab}	88.03, -15.63, -5.18
CIE _{LCh}	88, 16.465, 198.326
Yxy	72.1306, 0.2811, 0.3289
Android (android.graphics.Color)	4290111206 (0xFFB5E6E6)
YUV	215.3490, 7.2229, -30.1241
Hunter-Lab	84.9297, -19.0848, -0.2631

Details

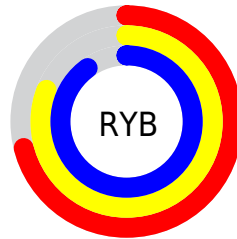
The XYZ color **61.6358, 72.1306, 85.5369** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.5001, 53.2090, 50.9589**, and the grayscale version is **64.7962, 68.1707, 74.2379**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **31.6263, 37.8793, 46.2020** is the 20% darker color. If you saturate the color by 10%, you get **56.6820, 69.5787, 85.3055**, and if you desaturate by 10%, it is **67.4841, 75.1474, 85.8132**.

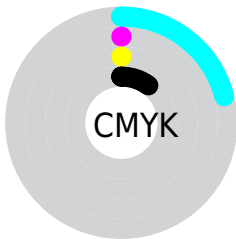
Distribution



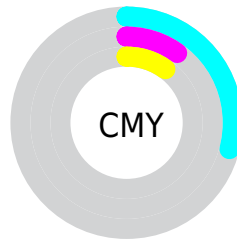
- Red (71%)
- Green (90%)
- Blue (90%)



- Red (71%)
- Yellow (81%)
- Blue (90%)



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (29%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6358, 72.1306, 85.5369 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 61.6358, 72.1306, 85.5369 by changing the saturation by 10% instead.

61.6358, 72.1306,
85.5369

61.6358, 72.1306,
85.5369

420.3401,
467.9960, 533.5938

44.9930, 53.2654,
63.7324

106.2919,
122.2422, 143.0039

31.6531, 38.0147,
45.9892

135.0359,
154.2573, 179.5034

21.2510, 25.9941,
31.8887

168.5443,
191.4246, 221.7384

13.4211, 16.8192,
21.0124

207.1825,
234.1283, 270.1274

7.7981, 10.1057,
12.9417

251.3158,
282.7529, 325.0889

4.0168, 5.4691,
7.2582

301.3096,

1.7116, 2.5250,

337.6828, 387.0414

3.5432

357.5293,
399.3024, 456.4036

0.4635, 0.8891,
1.3782

0.0000, 0.0000,
0.1247

61.6358, 72.1306,
85.5369

61.6358, 72.1306,
85.5369

56.6820, 69.5787,
85.3055

67.4841, 75.1474,
85.8132

52.5728, 67.4603,
85.1121

74.2613, 78.6411,
86.1315

49.2629, 65.7541,
84.9561

82.0076, 82.6345,
86.4951

46.7003, 64.4330,
84.8351

83.8221, 83.5698,
86.5811

■ 44.8270, 63.4673,
84.7464

■ 83.8223, 83.5699,
86.5822

■ 43.5763, 62.8226,
84.6867

■ 83.8225, 83.5700,
86.5833

■ 42.8683, 62.4576,
84.6525

■ 83.8227, 83.5701,
86.5844

■ 42.5796, 62.3088,
84.6381

■ 83.8229, 83.5702,
86.5855

■ 83.8231, 83.5702,
86.5866

Harmonies

Analogous

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



61.4248, 72.1306, 74.2424



61.6358, 72.1306, 85.5369



63.6582, 72.1306, 95.8266

Triad

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



61.6358, 72.1306, 85.5369



74.3552, 72.1306, 93.8144



70.0974, 72.1306, 59.2035

Complementary

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



61.6358, 72.1306, 85.5369



57.5001, 53.2090, 50.9589

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.



73.7029, 72.1306, 63.4648



61.6358, 72.1306, 85.5369



76.2231, 72.1306, 82.9961

Square

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



61.6358, 72.1306, 85.5369



70.9601, 72.1306, 100.9111



75.9799, 72.1306, 71.9316



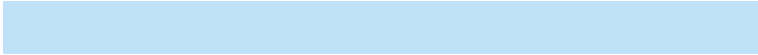
66.2107, 72.1306, 59.7432

Rectangle

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



61.6358, 72.1306, 85.5369



65.8064, 72.1306, 100.4012



75.9799, 72.1306, 71.9316



71.3851, 72.1306, 60.1041

Sweetspot

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



61.6379, 72.1335, 85.5385



89.6433, 97.2127, 108.6461



55.8876, 69.8556, 54.2553



19.0671, 20.7455, 23.2491



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.



61.6379, 72.1335, 85.5385



74.7212, 89.5202, 107.9450



55.4887, 59.8345, 83.4910



14.8075, 16.3364, 18.5169



24.1051, 35.2741, 47.9152



1.7813, 2.6066, 3.5408

Inverse Universe

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



57.5001, 53.2090, 50.9589



68.5264, 61.1875, 56.1746



62.7319, 63.6731, 52.7012



14.3771, 14.3680, 14.9202



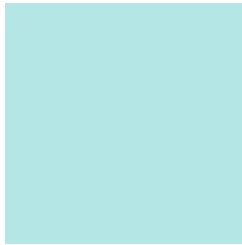
18.4751, 9.5243, 0.8649



1.3653, 0.7038, 0.0640

Previews

White Background



This preview shows how the XYZ color 61.6358, 72.1306, 85.5369 looks on a white background.

Color Contrast Check

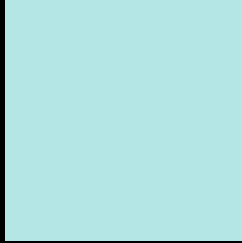
Large Text (above 18pt) WCAG AA × Fail

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 61.6358, 72.1306, 85.5369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

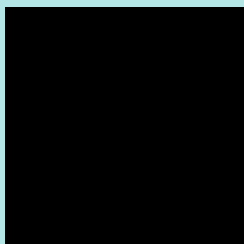
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

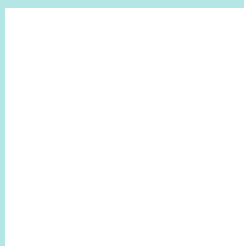
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6358, 72.1306, 85.5369

Background



This preview shows how black text looks on a background with the XYZ color 61.6358, 72.1306, 85.5369.



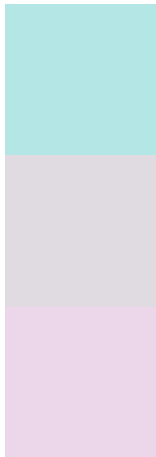
This preview shows how white text looks on a background with the XYZ color 61.6358, 72.1306,

85.5369.

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

61.6358, 72.1306, 85.5369

Protanopia

69.2175, 71.7328, 80.7187

Deuteranopia

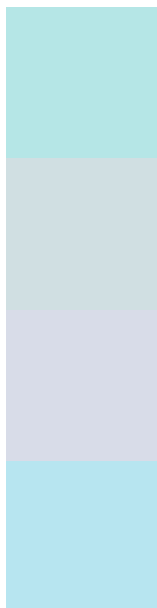
73.3466, 71.8092, 87.0856



Tritanopia

64.1451, 72.3310, 97.7692

Trichromacy



Original Color

61.6358, 72.1306, 85.5369

Protanomaly

66.1276, 71.6762, 82.3011

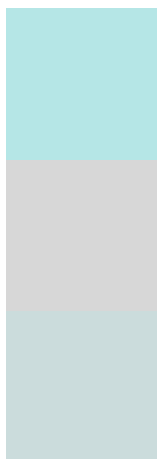
Deuteranomaly

68.4776, 71.6115, 86.5572

Tritanomaly

63.2759, 72.3972, 93.0771

Monochromacy



Original Color

61.6358, 72.1306, 85.5369

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.1401, 69.0502, 77.7103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6358, 72.1306, 85.5369 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, 230, 230)` looks like.

```
.text, #text, p{  
    color:rgb(181, 230, 230)  
}
```

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, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 230, 230) }
```

Border

The CSS property to change the border of an element to XYZ 61.6358, 72.1306, 85.5369 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, 230, 230) }
```


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

```
.border{ border-color:rgb(181, 230, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 230, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(181, 230,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6358, 72.1306, 85.5369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 230, 230) }
```

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

```
.background{ background-color: rgb(181,  
230, 230) }
```

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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