

Converting Colors

XYZ(61.0379, 71.0316, 83.8927)

Have a look what the booklet for
XYZ(61.0379, 71.0316, 83.8927)
contains.

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Color

**XYZ(61.0384, 71.0333,
83.8925)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E4E4
RGB	182, 228, 228
RGB Percent	71%, 89%, 89%
CMY	0.2863, 0.1059, 0.1059
CMYK	0.20, 0.00, 0.00, 0.11
HSL	180°, 46%, 80%
HSV	180°, 20%, 89%
XYZ	61.0384, 71.0333, 83.8925
YIQ	214.2460, -27.4160, -9.7520

Conversions

Conversions Part 2

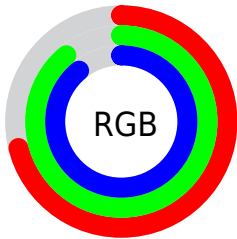
Format	Color
RYB	182, 205, 228
Decimal	11986148
CIELab	87.50, -14.75, -4.90
CIELCh	88, 15.541, 198.383
Yxy	71.0333, 0.2826, 0.3289
Android (android.graphics.Color)	4290176228 (0xFFB6E4E4)
YUV	214.2460, 6.7807, -28.2797
Hunter-Lab	84.2813, -18.2184, -0.0196

Details

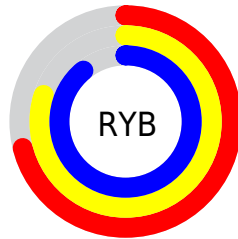
The XYZ color **61.0384, 71.0333, 83.8925** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.1689, 53.3293, 51.5394**, and the grayscale version is **64.0528, 67.3885, 73.3861**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **31.3885, 37.4935, 45.1178** is the 20% darker color. If you saturate the color by 10%, you get **56.0864, 68.4823, 83.6612**, and if you desaturate by 10%, it is **66.8712, 74.0420, 84.1680**.

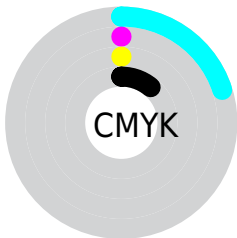
Distribution



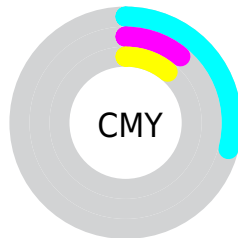
- Red (71%)
- Green (89%)
- Blue (89%)



- Red (71%)
- Yellow (80%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0384, 71.0333, 83.8925 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 61.0384, 71.0333, 83.8925 by changing the saturation by 10% instead.

61.0384, 71.0333,
83.8925

61.0384, 71.0333,
83.8925

418.1884,
464.1698, 528.0049

44.5088, 52.3694,
62.3818

105.4323,
120.6811, 140.6852

31.2703, 37.2996,
44.9035

134.0274,
152.4338, 176.8042

20.9576, 25.4395,
31.0390

167.3750,
189.3183, 218.6299

13.2053, 16.4048,
20.3699

205.8405,
231.7188, 266.5805

7.6481, 9.8111,
12.4774

249.7892,
280.0198, 321.0748

3.9205, 5.2739,
6.9432

299.5865,

1.6572, 2.4088,

334.6057, 382.5313

3.3487

355.5978,
395.8609, 451.3685

■ 0.4293, 0.8304,
1.2753

■ 0.0000, 0.0000,
0.0414

■ 61.0384, 71.0333,
83.8925

■ 61.0384, 71.0333,
83.8925

■ 56.0864, 68.4823,
83.6612

■ 66.8712, 74.0420,
84.1680

■ 51.9668, 66.3586,
83.4673

■ 73.6181, 77.5202,
84.4849

■ 48.6355, 64.6413,
83.3104

■ 81.3183, 81.4898,
84.8463

■ 46.0424, 63.3045,
83.1880

■ 82.9893, 82.3511,
84.9255

■ 44.1314, 62.3194,
83.0975

■ 82.9895, 82.3512,
84.9266

■ 42.8382, 61.6528,
83.0359

■ 82.9897, 82.3513,
84.9277

■ 42.0868, 61.2654,
82.9996

■ 82.9899, 82.3514,
84.9288

■ 41.7468, 61.0902,
82.9827

■ 82.9901, 82.3515,
84.9298

■ 82.9903, 82.3515,
84.9309

Harmonies

Analogous

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



60.8371, 71.0333, 73.3453



61.0384, 71.0333, 83.8925



62.9367, 71.0333, 93.4547

Triad

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



61.0384, 71.0333, 83.8925



72.9284, 71.0333, 91.5544



68.9457, 71.0333, 59.1908

Complementary

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



61.0384, 71.0333, 83.8925



57.1689, 53.3293, 51.5394

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.



72.3102, 71.0333, 63.1987



61.0384, 71.0333, 83.8925



74.6646, 71.0333, 81.4838

Square

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



61.0384, 71.0333, 83.8925



69.7647, 71.0333, 98.1470



74.4343, 71.0333, 71.1439



65.3142, 71.0333, 59.7088

Rectangle

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



61.0384, 71.0333, 83.8925



64.9490, 71.0333, 97.6907



74.4343, 71.0333, 71.1439



70.1477, 71.0333, 60.0375

Sweetspot

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



61.0405, 71.0362, 83.8941



89.6433, 97.2127, 108.6461



55.6620, 68.9058, 54.6238



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.



61.0405, 71.0362, 83.8941



76.0062, 90.1826, 108.0055



55.3123, 59.5791, 81.9867



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.



57.1689, 53.3293, 51.5394



70.2029, 63.6408, 59.5074



62.0893, 63.1706, 53.1781



14.3771, 14.3680, 14.9202



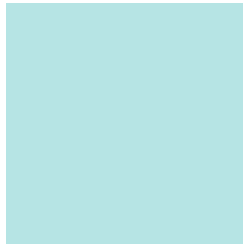
18.4751, 9.5243, 0.8649



1.3653, 0.7038, 0.0640

Previews

White Background



This preview shows how the XYZ color 61.0384, 71.0333, 83.8925 looks on a white background.

Color Contrast Check

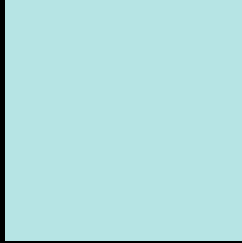
Large Text (above 18pt) WCAG AA × Fail

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 61.0384, 71.0333, 83.8925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

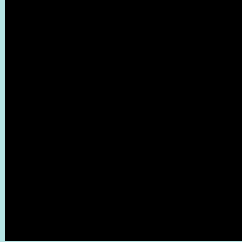
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

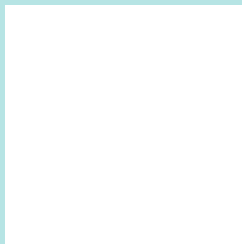
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0384, 71.0333, 83.8925

Background



This preview shows how black text looks on a background with the XYZ color 61.0384, 71.0333, 83.8925.



This preview shows how white text looks on a background with the XYZ color 61.0384, 71.0333,

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

61.0384, 71.0333, 83.8925

Protanopia

68.3804, 70.9463, 79.1972

Deuteranopia

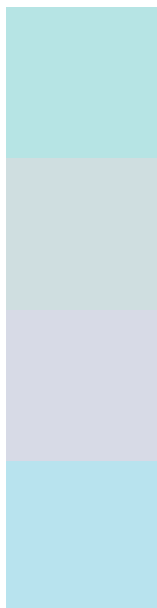
71.8990, 70.3489, 85.3905



Tritanopia

63.5331, 71.2387, 95.9898

Trichromacy



Original Color

61.0384, 71.0333, 83.8925

Protanomaly

65.3079, 70.8898, 80.7620

Deuteranomaly

67.3787, 70.3031, 84.8815

Tritanomaly

62.6689, 71.3016, 91.3485

Monochromacy



Original Color

61.0384, 71.0333, 83.8925

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.4748, 68.3341, 76.9149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0384, 71.0333, 83.8925 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(182, 228, 228)` looks like.

```
.text, #text, p{  
    color:rgb(182, 228, 228)  
}
```

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(182, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 228, 228) }
```

Border

The CSS property to change the border of an element to XYZ 61.0384, 71.0333, 83.8925 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(182, 228, 228) }
```


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

```
.border{ border-color:rgb(182, 228, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 228, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 228, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 228, 228);  
box-shadow:4px 4px 4px 4px rgb(182, 228,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0384, 71.0333, 83.8925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 228, 228) }
```

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

```
.background{ background-color: rgb(182,  
228, 228) }
```

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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