

Converting Colors

XYZ(61.7935, 71.3903, 85.3858)

Have a look what the booklet for
XYZ(61.7935, 71.3903, 85.3858)
contains.

XYZ(61.7935, 71.3903, 85.3858)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.7935, 71.3903,
85.3858)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E4E6
RGB	184, 228, 230
RGB Percent	72%, 89%, 90%
CMY	0.2784, 0.1059, 0.0980
CMYK	0.20, 0.01, 0.00, 0.10
HSL	183°, 48%, 81%
HSV	183°, 20%, 90%
XYZ	61.7935, 71.3903, 85.3858
YIQ	215.0720, -26.8660, -8.7060

Conversions

Conversions Part 2

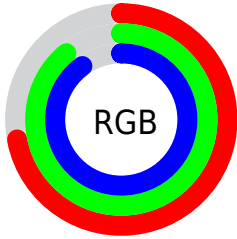
Format	Color
R_{YB}	184, 206, 230
Decimal	12117222
CIE _{Lab}	87.67, -13.72, -5.68
CIE _{LCh}	88, 14.853, 202.501
Yxy	71.3903, 0.2827, 0.3266
Android (android.graphics.Color)	4290307302 (0xFFB8E4E6)
YUV	215.0720, 7.3595, -27.2501
Hunter-Lab	84.4928, -17.3170, -0.7717

Details

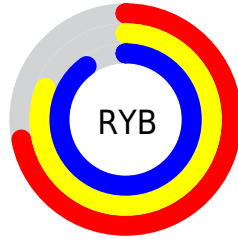
The XYZ color **61.7935, 71.3903, 85.3858** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.8445, 55.4017, 52.9410**, and the grayscale version is **64.6065, 67.9711, 74.0205**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **31.8874, 37.7281, 46.1591** is the 20% darker color. If you saturate the color by 10%, you get **56.4523, 68.2320, 85.0589**, and if you desaturate by 10%, it is **68.0362, 75.0194, 85.7584**.

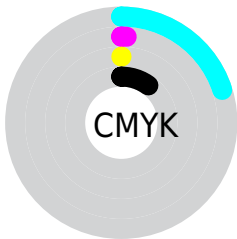
Distribution



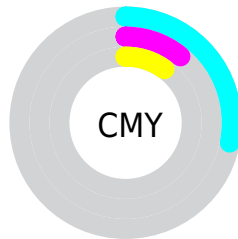
- Red (72%)
- Green (89%)
- Blue (90%)



- Red (72%)
- Yellow (81%)
- Blue (90%)



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (28%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7935, 71.3903, 85.3858 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 61.7935, 71.3903, 85.3858 by changing the saturation by 10% instead.

61.7935, 71.3903,
85.3858

61.7935, 71.3903,
85.3858

420.9070,
465.4167, 533.0816

45.1208, 52.6608,
63.6082

106.5186,
121.1893, 142.7910

31.7543, 37.5320,
45.8893

135.3018,
153.0276, 179.2557

21.3285, 25.6197,
31.8104

168.8526,
190.0042, 221.4532

13.4782, 16.5393,
20.9531

207.5362,
232.5036, 269.8021

7.8379, 9.9066,
12.8988

251.7181,
280.9101, 324.7208

4.0423, 5.3371,
7.2290

301.7637,

1.7261, 2.4464,

335.6082, 386.6280

3.5251

358.0382,
396.9823, 455.9421

■ 0.4725, 0.8496,
1.3686

■ 0.0000, 0.0000,
0.1171

■ 61.7935, 71.3903,
85.3858

■ 61.7935, 71.3903,
85.3858

■ 56.4523, 68.2320,
85.0589

■ 68.0362, 75.0194,
85.7584

■ 51.9631, 65.5135,
84.7707

■ 75.2145, 79.1313,
86.1738

■ 48.2813, 63.2134,
84.5208

■ 83.3683, 83.7485,
86.6352

■ 45.3554, 61.3055,
84.3068

■ 84.3794, 84.6858,
86.7628

■ 43.1283, 59.7601,
84.1259

■ 84.6613, 85.2496,
86.8568

■ 41.5347, 58.5436,
83.9751

■ 84.9448, 85.8166,
86.9513

■ 40.4968, 57.6160,
83.8507

■ 85.2299, 86.3868,
87.0463

■ 39.8806, 56.9080,
83.7465

■ 85.5166, 86.9602,
87.1419

■ 39.8805, 56.9080,
83.7465

■ 85.8049, 87.5368,
87.2380

Harmonies

Analogous

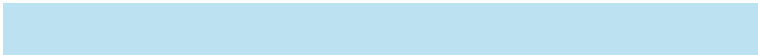
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.3649, 71.3903, 75.2304



61.7935, 71.3903, 85.3858



63.8184, 71.3903, 94.1406

Triad

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



61.7935, 71.3903, 85.3858



73.3649, 71.3903, 90.1343



68.7412, 71.3903, 60.0598

Complementary

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



61.7935, 71.3903, 85.3858



58.8445, 55.4017, 52.9410

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.



72.0569, 71.3903, 63.3500



61.7935, 71.3903, 85.3858



74.7858, 71.3903, 80.2883

Square

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



61.7935, 71.3903, 85.3858



70.4767, 71.3903, 97.0432



74.2991, 71.3903, 70.5496



65.2978, 71.3903, 61.1691

Rectangle

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



61.7935, 71.3903, 85.3858



65.8402, 71.3903, 97.7154



74.2991, 71.3903, 70.5496



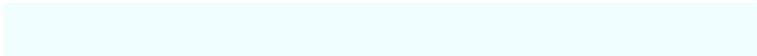
69.9092, 71.3903, 60.6775

Sweetspot

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



61.7956, 71.3932, 85.3874



89.4319, 96.7897, 108.5765



56.8787, 70.3107, 56.7696



19.0169, 20.6451, 23.2326



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.



61.7956, 71.3932, 85.3874



75.1650, 88.4993, 107.7282



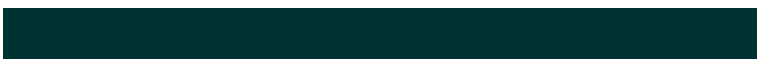
55.9946, 59.7912, 83.4537



14.7510, 16.2234, 18.4983



22.6020, 32.2660, 47.4199



1.6869, 2.4178, 3.5097

Inverse Universe

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



63.7789, 56.7070, 80.9861



78.1124, 66.8046, 101.1583



63.9723, 65.6573, 54.6502



14.9667, 14.6039, 18.0248



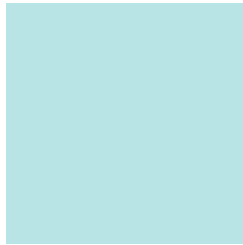
25.8019, 12.4550, 39.4475



1.9151, 0.9238, 2.9594

Previews

White Background



This preview shows how the XYZ color 61.7935, 71.3903, 85.3858 looks on a white background.

Color Contrast Check

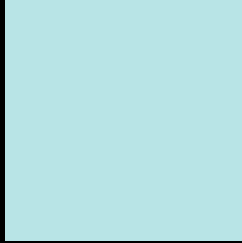
Large Text (above 18pt) WCAG AA × Fail

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 61.7935, 71.3903, 85.3858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

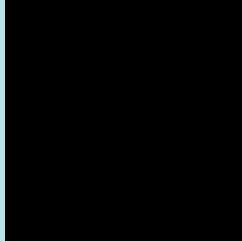
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7935, 71.3903, 85.3858

Background



This preview shows how black text looks on a background with the XYZ color 61.7935, 71.3903, 85.3858.

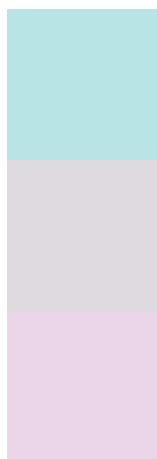


This preview shows how white text looks on a background with the XYZ color 61.7935, 71.3903,

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

61.7935, 71.3903, 85.3858

Protanopia

68.6502, 71.0542, 80.6176

Deuteranopia

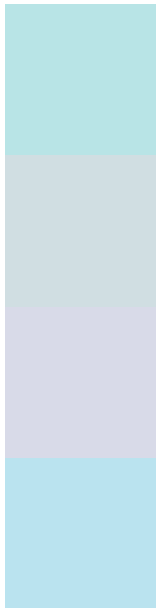
72.4339, 70.9641, 86.9706



Tritanopia

64.0190, 71.4892, 96.0126

Trichromacy



Original Color

61.7935, 71.3903, 85.3858

Protanomaly

65.8612, 71.1434, 82.2123

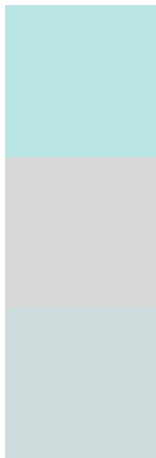
Deuteranomaly

67.9558, 70.5679, 86.3832

Tritanomaly

63.2988, 71.6093, 92.1471

Monochromacy



Original Color

61.7935, 71.3903, 85.3858

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.4133, 69.1911, 77.7231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7935, 71.3903, 85.3858 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(184, 228, 230)` looks like.

```
.text, #text, p{  
    color:rgb(184, 228, 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(184, 228, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 228, 230) }
```

Border

The CSS property to change the border of an element to XYZ 61.7935, 71.3903, 85.3858 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(184, 228, 230) }
```


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

```
.border{ border-color:rgb(184, 228, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 228, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 228, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 228, 230); box-shadow:4px 4px 4px 4px rgb(184, 228, 230) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7935, 71.3903, 85.3858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 228, 230) }
```

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

```
.background{ background-color: rgb(184,  
228, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor