

Converting Colors

XYZ(62.3538, 73.6200, 85.6850)

Have a look what the booklet for
XYZ(62.3538, 73.6200, 85.6850)
contains.

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Color

**XYZ(62.4779, 73.8148,
85.8176)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E9E6
RGB	181, 233, 230
RGB Percent	71%, 91%, 90%
CMY	0.2902, 0.0863, 0.0980
CMYK	0.22, 0.00, 0.01, 0.09
HSL	177°, 54%, 81%
HSV	177°, 22%, 91%
XYZ	62.4779, 73.8148, 85.8176
YIQ	217.1100, -30.0290, -11.9570

Conversions

Conversions Part 2

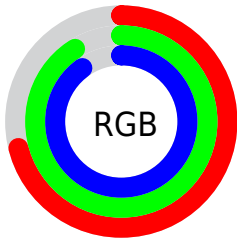
Format	Color
RYB	181, 208, 233
Decimal	11921894
CIELab	88.83, -17.13, -3.99
CIELCh	89, 17.591, 193.122
Yxy	73.8148, 0.2813, 0.3323
Android (android.graphics.Color)	4290111974 (0xFFB5E9E6)
YUV	217.1100, 6.3548, -31.6685
Hunter-Lab	85.9155, -20.5467, 0.9185

Details

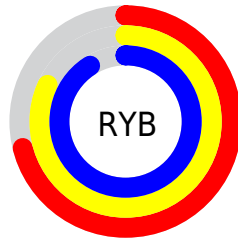
The XYZ color **62.4779, 73.8148, 85.8176** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.7825, 53.8341, 52.6434**, and the grayscale version is **66.0030, 69.4403, 75.6205**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **32.2124, 39.0515, 46.3974** is the 20% darker color. If you saturate the color by 10%, you get **57.2771, 71.1574, 84.5930**, and if you desaturate by 10%, it is **68.5981, 76.9499, 87.0960**.

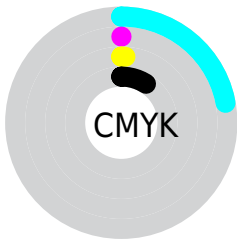
Distribution



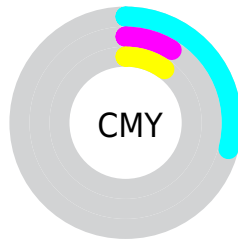
- Red (71%)
- Green (91%)
- Blue (90%)



- Red (71%)
- Yellow (82%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4779, 73.8148, 85.8176 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 62.4779, 73.8148, 85.8176 by changing the saturation by 10% instead.

62.4779, 73.8148,
85.8176

62.4779, 73.8148,
85.8176

423.3620,
473.8339, 534.5446

45.6760, 54.6425,
63.9631

107.5020,
124.6332, 143.3992

32.1938, 39.1155,
46.1748

136.4549,
157.0481, 179.9634

21.6658, 26.8496,
32.0341

170.1889,
194.6460, 222.2680

13.7268, 17.4603,
21.1225

209.0692,
237.8113, 270.7314

8.0113, 10.5632,
13.0215

253.4614,
286.9283, 325.7722

4.1541, 5.7740,
7.3124

303.7307,

1.7897, 2.7081,

342.3815, 387.8090

3.5769

360.2424,
404.5552, 457.2603

■ 0.5114, 0.9813,
1.3962

■ 0.0000, 0.0000,
0.1388

■ 62.4779, 73.8148,
85.8176

■ 62.4779, 73.8148,
85.8176

■ 57.2771, 71.1574,
84.5930

■ 68.5981, 76.9499,
87.0960

■ 52.9439, 68.9451,
83.4151

■ 75.6736, 80.5753,
88.4251

■ 49.4311, 67.1556,
82.2831

■ 83.7461, 84.7146,
89.8085

■ 46.6846, 65.7610,
81.1946

■ 85.4312, 85.5609,
90.9007

44.6435, 64.7298,
80.1466

85.6268, 85.6391,
91.9308

43.2378, 64.0261,
79.1359

85.8239, 85.7180,
92.9687

42.3834, 63.6063,
78.1586

86.0225, 85.7974,
94.0144

41.9988, 63.4239,
77.4255

86.2226, 85.8774,
95.0679

86.4241, 85.9580,
96.1292

Harmonies

Analogous

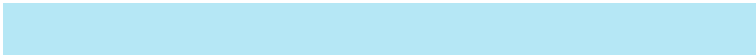
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.6066, 73.8148, 73.7496



62.4779, 73.8148, 85.8176



64.3466, 73.8148, 97.5024

Triad

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



62.4779, 73.8148, 85.8176



75.9098, 73.8148, 98.7447



72.5646, 73.8148, 59.9433

Complementary

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



62.4779, 73.8148, 85.8176



58.7825, 53.8341, 52.6434

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.



76.3107, 73.8148, 65.3752



62.4779, 73.8148, 85.8176



78.2950, 73.8148, 87.3790

Square

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



62.4779, 73.8148, 85.8176



72.0354, 73.8148, 105.4590



78.4446, 73.8148, 75.1613



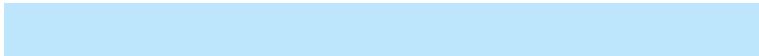
68.3150, 73.8148, 59.6165

Rectangle

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



62.4779, 73.8148, 85.8176



66.5193, 73.8148, 103.1719



78.4446, 73.8148, 75.1613



73.9285, 73.8148, 61.2055

Sweetspot

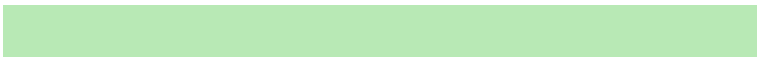
The Sweet Spot groups the original color and five complimentary colors.



62.4800, 73.8178, 85.8193



88.6196, 96.7041, 107.7350



57.3608, 71.8652, 54.5655



18.8556, 20.6409, 23.0386



0.0000, 0.0000, 0.0000



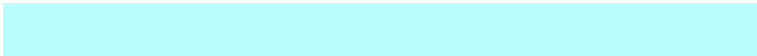
20.3446, 21.4041, 23.3091

Same Dimension

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



62.4800, 73.8178, 85.8193



73.4625, 88.9444, 104.5826



56.9282, 62.0333, 86.0675



15.4779, 17.1060, 19.1995



23.8461, 35.9929, 44.0161



1.8840, 2.8309, 3.5167

Inverse Universe

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



58.7825, 53.8341, 52.6434



68.1386, 60.1643, 56.8091



63.4295, 63.6266, 52.6555



15.1007, 15.0681, 15.8158



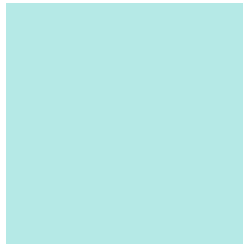
19.1251, 9.8527, 1.1941



1.5142, 0.7787, 0.1593

Previews

White Background



This preview shows how the XYZ color 62.4779, 73.8148, 85.8176 looks on a white background.

Color Contrast Check

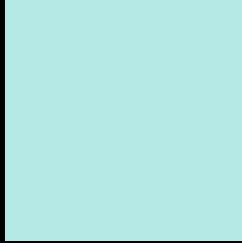
Large Text (above 18pt) WCAG AA × Fail

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 62.4779, 73.8148, 85.8176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

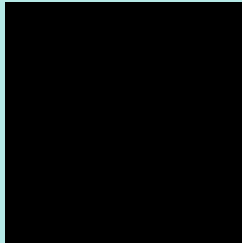
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

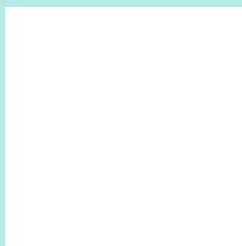
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4779, 73.8148, 85.8176

Background



This preview shows how black text looks on a background with the XYZ color 62.4779, 73.8148, 85.8176.



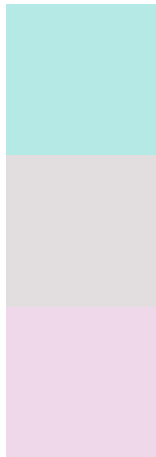
This preview shows how white text looks on a background with the XYZ color 62.4779, 73.8148,

85.8176.

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

62.4779, 73.8148, 85.8176

Protanopia

70.5398, 73.2094, 80.2250

Deuteranopia

75.0038, 73.4030, 88.0570



Tritanopia

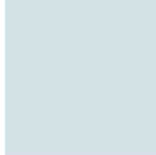
65.4033, 73.7475, 100.4101

Trichromacy



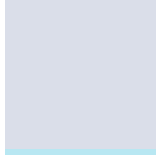
Original Color

62.4779, 73.8148, 85.8176



Protanomaly

67.2310, 73.0431, 82.5068



Deuteranomaly

69.7427, 73.0312, 87.5114



Tritanomaly

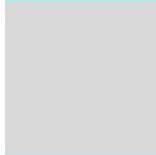
64.3701, 73.7530, 94.8475

Monochromacy



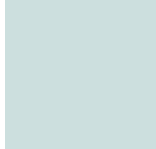
Original Color

62.4779, 73.8148, 85.8176



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

64.4743, 70.8866, 79.3916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4779, 73.8148, 85.8176 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, 233, 230)` looks like.

```
.text, #text, p{  
    color:rgb(181, 233, 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, 233, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 233, 230) }
```

Border

The CSS property to change the border of an element to XYZ 62.4779, 73.8148, 85.8176 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, 233, 230) }
```


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

```
.border{ border-color:rgb(181, 233, 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, 233, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 233, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 233, 230);  
box-shadow:4px 4px 4px 4px rgb(181, 233,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4779, 73.8148, 85.8176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 233, 230) }
```

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

```
.background{ background-color: rgb(181,  
233, 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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