

Converting Colors

XYZ(60.1294, 70.7635, 75.9615)

Have a look what the booklet for
XYZ(60.1294, 70.7635, 75.9615)
contains.

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Color

**XYZ(60.0350, 70.6869,
76.1254)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E4D9
RGB	184, 228, 217
RGB Percent	72%, 89%, 85%
CMY	0.2784, 0.1059, 0.1490
CMYK	0.19, 0.00, 0.05, 0.11
HSL	165°, 45%, 81%
HSV	165°, 19%, 89%
XYZ	60.0350, 70.6869, 76.1254
YIQ	213.5900, -22.6930, -12.7490

Conversions

Conversions Part 2

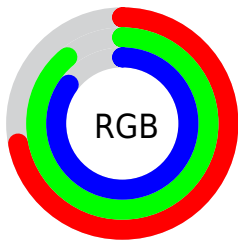
Format	Color
RYB	184, 209, 228
Decimal	12117209
CIELab	87.33, -16.40, 0.65
CIElCh	87, 16.411, 177.727
Yxy	70.6869, 0.2902, 0.3417
Android (android.graphics.Color)	4290307289 (0xFFB8E4D9)
YUV	213.5900, 1.6811, -25.9504
Hunter-Lab	84.0755, -19.6723, 5.1693

Details

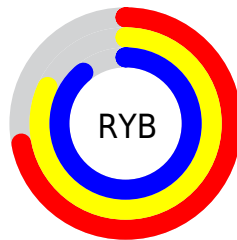
The XYZ color **60.0350, 70.6869, 76.1254** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.9883, 54.7171, 59.0854**, and the grayscale version is **63.6427, 66.9571, 72.9162**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **30.4800, 36.8595, 39.6905** is the 20% darker color. If you saturate the color by 10%, you get **54.2789, 67.8056, 72.0526**, and if you desaturate by 10%, it is **66.7010, 74.0381, 80.3775**.

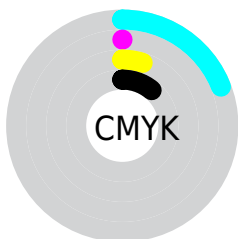
Distribution



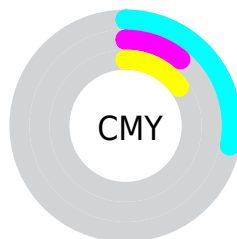
- Red (72%)
- Green (89%)
- Blue (85%)



- Red (72%)
- Yellow (82%)
- Blue (89%)



- Cyan (19%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (28%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0350, 70.6869, 76.1254 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 60.0350, 70.6869, 76.1254 by changing the saturation by 10% instead.

60.0350, 70.6869,
76.1254

60.0350, 70.6869,
76.1254

414.5594,
462.9582, 501.1351

43.6964, 52.0867,
56.0281

103.9865,
120.1878, 129.6659

30.6288, 37.0742,
39.8213

132.3301,
151.8573, 163.9461

20.4668, 25.2650,
27.0865

165.4061,
188.6521, 203.7910

12.8450, 16.2746,
17.4052

203.5799,
230.9564, 249.6192

7.3982, 9.7186,
10.3588

247.2167,
279.1549, 301.8491

3.7609, 5.2128,
5.5288


296.6820,

1.5678, 2.3727,


333.6317, 360.8994


2.4966


352.3412,
394.7713, 427.1886


 0.3713, 0.8118,
0.8384


 0.0000, 0.0000,
0.0000


 60.0350, 70.6869,
76.1254


 60.0350, 70.6869,
76.1254


 54.2789, 67.8056,
72.0526


 66.7010, 74.0381,
80.3775


 49.3844, 65.3637,
68.1510

 74.3104, 77.8707,
84.8074

 45.3076, 63.3404,
64.4188

 82.9024, 82.2069,
89.4197

 41.9984, 61.7100,
60.8522

 84.6842, 83.0292,
93.8508

■ 39.4010, 60.4437,
57.4473

■ 85.5439, 83.3730,
98.3777

■ 37.4519, 59.5087,
54.1995

■ 86.4304, 83.7276,
103.0460

■ 36.0759, 58.8665,
51.1041

■ 87.0347, 83.9693,
106.2282

■ 35.1527, 58.4549,
48.1538

■ 35.0945, 58.4293,
47.9519

Harmonies

Analogous

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



61.1002, 70.6869, 66.1587



60.0350, 70.6869, 76.1254



60.8241, 70.6869, 87.2916

Triad

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



60.0350, 70.6869, 76.1254



70.7005, 70.6869, 97.3695



71.2297, 70.6869, 60.3472

Complementary

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



60.0350, 70.6869, 76.1254



58.9883, 54.7171, 59.0854

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.



73.9763, 70.6869, 67.4886



60.0350, 70.6869, 76.1254



73.6626, 70.6869, 88.8905

Square

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



60.0350, 70.6869, 76.1254



66.8916, 70.6869, 100.2342



74.8830, 70.6869, 77.8128



67.4808, 70.6869, 57.6100

Rectangle

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



60.0350, 70.6869, 76.1254



62.3130, 70.6869, 93.8008



74.8830, 70.6869, 77.8128



72.3062, 70.6869, 62.2766

Sweetspot

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



60.0370, 70.6898, 76.1270



89.0335, 96.9688, 105.4351



59.0931, 70.6506, 55.8711



18.9225, 20.6877, 22.4878



0.0000, 0.0000, 0.0000



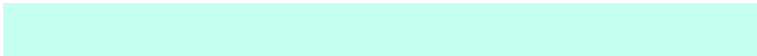
20.3446, 21.4041, 23.3091

Same Dimension

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



60.0370, 70.6898, 76.1270



74.3940, 89.6139, 96.0749



58.7753, 65.7991, 83.0049



14.6454, 16.2716, 17.6632



20.3137, 33.7576, 27.9502



1.5377, 2.5092, 2.2580

Inverse Universe

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



58.9883, 54.7171, 59.0854



72.8188, 65.6019, 70.4628



60.0002, 58.6592, 53.5087



14.5241, 14.4268, 15.6942



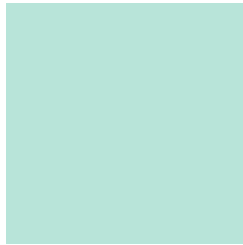
18.9417, 9.7109, 3.3220



1.4363, 0.7322, 0.4381

Previews

White Background



This preview shows how the XYZ color 60.0350, 70.6869, 76.1254 looks on a white background.

Color Contrast Check

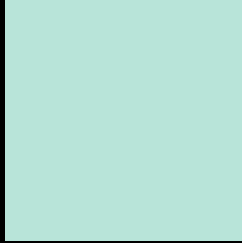
Large Text (above 18pt) WCAG AA × Fail

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 60.0350, 70.6869, 76.1254 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

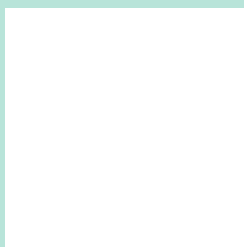
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0350, 70.6869, 76.1254

Background



This preview shows how black text looks on a background with the XYZ color 60.0350, 70.6869, 76.1254.

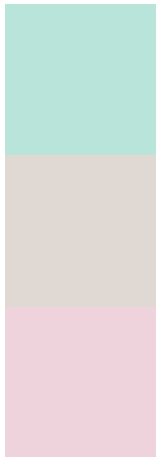


This preview shows how white text looks on a background with the XYZ color 60.0350, 70.6869,

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

60.0350, 70.6869, 76.1254

Protanopia

67.3112, 70.1762, 71.6257

Deuteranopia

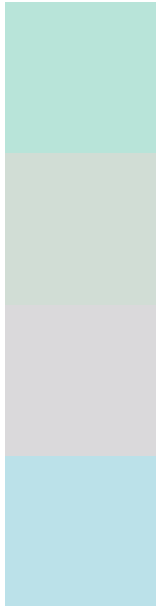
71.4724, 69.9330, 77.4416



Tritanopia

63.6689, 70.5409, 94.2645

Trichromacy



Original Color

60.0350, 70.6869, 76.1254

Protanomaly

64.1612, 70.0723, 73.0944

Deuteranomaly

66.5125, 69.6456, 76.9552

Tritanomaly

62.1267, 70.2984, 87.3853

Monochromacy



Original Color

60.0350, 70.6869, 76.1254

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.2259, 68.2658, 74.1870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0350, 70.6869, 76.1254 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(184, 228, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 228, 217) }
```

Border

The CSS property to change the border of an element to XYZ 60.0350, 70.6869, 76.1254 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, 217) }
```


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

```
.border{ border-color:rgb(184, 228, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 228, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 228, 217);  
box-shadow:4px 4px 4px 4px rgb(184, 228,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0350, 70.6869, 76.1254 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, 217) }
```

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

```
.background{ background-color: rgb(184,  
228, 217) }
```

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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