

Converting Colors

XYZ(60.3544, 70.5710, 85.1143)

Have a look what the booklet for
XYZ(60.3544, 70.5710, 85.1143)
contains.

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Color

**XYZ(60.3864, 70.6650,
85.3199)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E4E6
RGB	178, 228, 230
RGB Percent	70%, 89%, 90%
CMY	0.3020, 0.1059, 0.0980
CMYK	0.23, 0.01, 0.00, 0.10
HSL	182°, 51%, 80%
HSV	182°, 23%, 90%
XYZ	60.3864, 70.6650, 85.3199
YIQ	213.2780, -30.4420, -9.9780

Conversions

Conversions Part 2

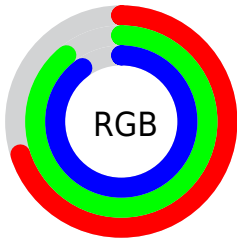
Format	Color
RYB	178, 203, 230
Decimal	11724006
CIELab	87.32, -15.52, -6.24
CIELCh	87, 16.726, 201.921
Yxy	70.6650, 0.2791, 0.3266
Android (android.graphics.Color)	4289914086 (0xFFB2E4E6)
YUV	213.2780, 8.2439, -30.9388
Hunter-Lab	84.0625, -18.8836, -1.3331

Details

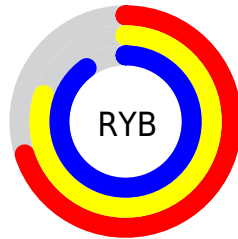
The XYZ color **60.3864, 70.6650, 85.3199** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.9908, 52.6799, 49.2852**, and the grayscale version is **63.3947, 66.6961, 72.6321**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **30.9936, 37.2674, 46.1172** is the 20% darker color. If you saturate the color by 10%, you get **55.3034, 67.6866, 85.0141**, and if you desaturate by 10%, it is **66.3595, 74.1077, 85.6708**.

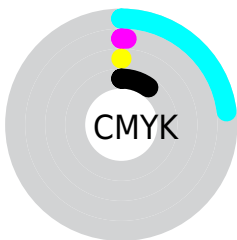
Distribution



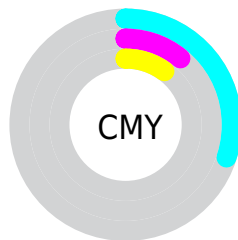
- Red (70%)
- Green (89%)
- Blue (90%)



- Red (70%)
- Yellow (80%)
- Blue (90%)



- Cyan (23%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (30%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3864, 70.6650, 85.3199 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 60.3864, 70.6650, 85.3199 by changing the saturation by 10% instead.

60.3864, 70.6650,
85.3199

60.3864, 70.6650,
85.3199

415.8325,
462.8815, 532.8582

43.9808, 52.0689,
63.5541

104.4931,
120.1566, 142.6982

30.8533, 37.0600,
45.8457

132.9250,
151.8209, 179.1477

20.6384, 25.2539,
31.7763

166.0963,
188.6099, 221.3288

12.9709, 16.2663,
20.9273

204.3725,
230.9082, 269.6602

7.4854, 9.7128,
12.8801

248.1189,
279.1001, 324.5602

3.8165, 5.2090,
7.2163

297.7007,

1.5988, 2.3704,

333.5701, 386.4476

3.5173

353.4835,
394.7024, 455.7407

■ 0.3917, 0.8106,
1.3644

■ 0.0000, 0.0000,
0.1137

■ 60.3864, 70.6650,
85.3199

■ 60.3864, 70.6650,
85.3199

■ 55.3034, 67.6866,
85.0141

■ 66.3595, 74.1077,
85.6708

■ 51.0603, 65.1413,
84.7464

■ 73.2576, 78.0273,
86.0637

■ 47.6113, 63.0071,
84.5163

■ 81.1212, 82.4465,
86.5023

■ 44.9036, 61.2569,
84.3212

■ 84.2498, 84.4265,
86.7196

42.8783, 59.8604,
84.1583

84.4984, 84.9238,
86.8024

41.4672, 58.7823,
84.0246

84.7483, 85.4235,
86.8857

40.5883, 57.9804,
83.9162

84.9994, 85.9257,
86.9694

40.1842, 57.5154,
83.8477

85.2517, 86.4304,
87.0535

85.5054, 86.9377,
87.1381

Harmonies

Analogous

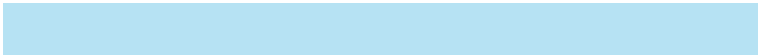
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.9478, 70.6650, 73.9362



60.3864, 70.6650, 85.3199



62.6050, 70.6650, 95.2938

Triad

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



60.3864, 70.6650, 85.3199



73.2995, 70.6650, 91.0977



68.2342, 70.6650, 57.4176

Complementary

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



60.3864, 70.6650, 85.3199



56.9908, 52.6799, 49.2852

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.



71.9411, 70.6650, 61.1123



60.3864, 70.6650, 85.3199



74.9393, 70.6650, 80.0285

Square

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



60.3864, 70.6650, 85.3199



70.0298, 70.6650, 98.8499



74.4327, 70.6650, 69.1316



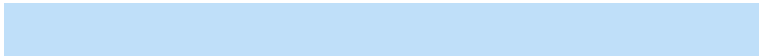
64.3793, 70.6650, 58.5369

Rectangle

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



60.3864, 70.6650, 85.3199



64.8438, 70.6650, 99.4383



74.4327, 70.6650, 69.1316



69.5409, 70.6650, 58.1238

Sweetspot

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



60.3885, 70.6679, 85.3215



88.5669, 96.3338, 108.5340



54.8692, 69.3443, 53.5318



18.8433, 20.5548, 23.2243



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.



60.3885, 70.6679, 85.3215



73.2585, 87.5225, 107.6401



53.8274, 57.5458, 83.1345



14.7575, 16.2364, 18.5005



22.7713, 32.6046, 47.4763



1.6976, 2.4391, 3.5133

Inverse Universe

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



62.5587, 54.2667, 80.5795



76.4577, 63.4919, 100.6169



62.6774, 64.0529, 51.1807



14.9699, 14.6052, 18.0421



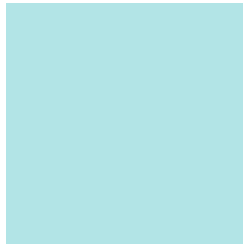
25.8874, 12.4892, 39.8975



1.9205, 0.9259, 2.9878

Previews

White Background



This preview shows how the XYZ color 60.3864, 70.6650, 85.3199 looks on a white background.

Color Contrast Check

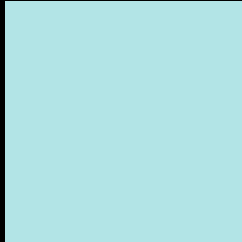
Large Text (above 18pt) WCAG AA × Fail

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 60.3864, 70.6650, 85.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

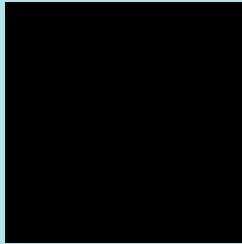
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3864, 70.6650, 85.3199

Background



This preview shows how black text looks on a background with the XYZ color 60.3864, 70.6650, 85.3199.

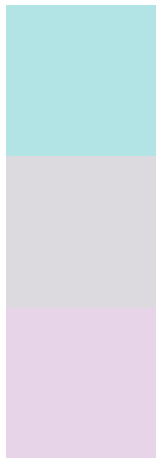


This preview shows how white text looks on a background with the XYZ color 60.3864, 70.6650,

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

60.3864, 70.6650, 85.3199

Protanopia

67.6473, 70.1691, 79.7906

Deuteranopia

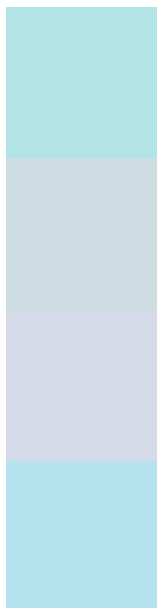
71.5302, 70.1260, 86.8564



Tritanopia

62.5815, 70.7481, 95.9453

Trichromacy



Original Color

60.3864, 70.6650, 85.3199

Protanomaly

64.7608, 70.1830, 82.0849

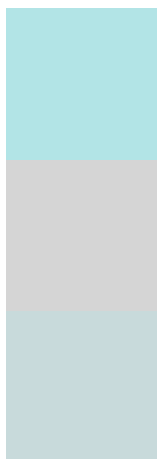
Deuteranomaly

66.7883, 69.9661, 86.3286

Tritanomaly

61.8715, 70.8735, 92.0803

Monochromacy



Original Color

60.3864, 70.6650, 85.3199

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.6770, 67.5366, 76.8030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3864, 70.6650, 85.3199 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(178, 228, 230)` looks like.

```
.text, #text, p{  
    color:rgb(178, 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(178, 228, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 228, 230) }
```

Border

The CSS property to change the border of an element to XYZ 60.3864, 70.6650, 85.3199 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(178, 228, 230) }
```


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

```
.border{ border-color:rgb(178, 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(178, 228, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 228, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 228, 230);  
box-shadow:4px 4px 4px 4px rgb(178, 228,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3864, 70.6650, 85.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 228, 230) }
```

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

```
.background{ background-color: rgb(178,  
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](#).

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