

Converting Colors

XYZ(60.5756, 70.8083, 83.8986)

Have a look what the booklet for
XYZ(60.5756, 70.8083, 83.8986)
contains.

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Color

**XYZ(60.5694, 70.7915,
83.8706)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E4E4
RGB	180, 228, 228
RGB Percent	71%, 89%, 89%
CMY	0.2941, 0.1059, 0.1059
CMYK	0.21, 0.00, 0.00, 0.11
HSL	180°, 47%, 80%
HSV	180°, 21%, 89%
XYZ	60.5694, 70.7915, 83.8706
YIQ	213.6480, -28.6080, -10.1760

Conversions

Conversions Part 2

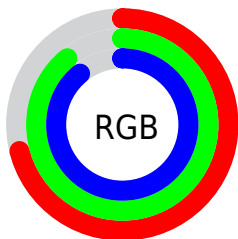
Format	Color
RYB	180, 204, 228
Decimal	11855076
CIELab	87.38, -15.35, -5.09
CIELCh	87, 16.170, 198.340
Yxy	70.7915, 0.2814, 0.3289
Android (android.graphics.Color)	4290045156 (0xFFB4E4E4)
YUV	213.6480, 7.0755, -29.5093
Hunter-Lab	84.1377, -18.7416, -0.2054

Details

The XYZ color **60.5694, 70.7915, 83.8706** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.5569, 52.4338, 50.3228**, and the grayscale version is **63.6494, 66.9641, 72.9239**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **31.0906, 37.3399, 45.1038** is the 20% darker color. If you saturate the color by 10%, you get **55.6924, 68.2792, 83.6429**, and if you desaturate by 10%, it is **66.3236, 73.7597, 84.1424**.

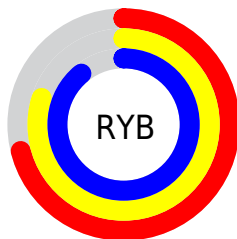
Distribution



Red (71%)

Green (89%)

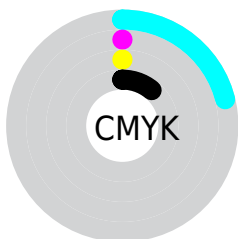
Blue (89%)



Red (71%)

Yellow (80%)

Blue (89%)

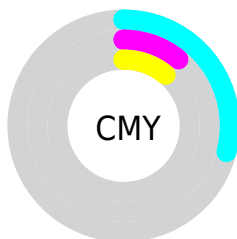


Cyan (21%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (29%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5694, 70.7915, 83.8706 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 60.5694, 70.7915, 83.8706 by changing the saturation by 10% instead.

60.5694, 70.7915,
83.8706

60.5694, 70.7915,
83.8706

416.4946,
463.3242, 527.9302

44.1290, 52.1721,
62.3638

104.7569,
120.3368, 140.6543

30.9703, 37.1422,
44.8891

133.2346,
152.0314, 176.7682

20.7279, 25.3176,
31.0277

166.4555,
188.8533, 218.5884

13.0366, 16.3139,
20.3613

204.7849,
231.1867, 266.5332

7.5309, 9.7465,
12.4713

248.5881,
279.4161, 321.0213

3.8456, 5.2312,
6.9391

298.2306,

1.6151, 2.3836,

333.9259, 382.4711

3.3462

354.0776,
395.1005, 451.3012

■ 0.4022, 0.8174,
1.2740

■ 0.0000, 0.0000,
0.0403

■ 60.5694, 70.7915,
83.8706

■ 60.5694, 70.7915,
83.8706

■ 55.6924, 68.2792,
83.6429

■ 66.3236, 73.7597,
84.1424

■ 51.6438, 66.1920,
83.4525

■ 72.9887, 77.1957,
84.4553

■ 48.3794, 64.5092,
83.2987

■ 80.6038, 81.1214,
84.8126

■ 45.8484, 63.2045,
83.1793

■ 82.9892, 82.3511,
84.9252

■ 43.9943, 62.2487,
83.0916

■ 82.9894, 82.3511,
84.9262

■ 42.7520, 61.6083,
83.0325

■ 82.9896, 82.3512,
84.9272

■ 42.0438, 61.2432,
82.9984

■ 82.9897, 82.3513,
84.9281

■ 41.7470, 61.0902,
82.9836

■ 82.9899, 82.3514,
84.9291

■ 82.9901, 82.3514,
84.9301

Harmonies

Analogous

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



60.3637, 70.7915, 72.9176



60.5694, 70.7915, 83.8706



62.5330, 70.7915, 93.8380

Triad

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



60.5694, 70.7915, 83.8706



72.9071, 70.7915, 91.8812



68.7764, 70.7915, 58.3070

Complementary

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



60.5694, 70.7915, 83.8706



56.5569, 52.4338, 50.3228

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.



72.2723, 70.7915, 62.4461



60.5694, 70.7915, 83.8706



74.7165, 70.7915, 81.3977

Square

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



60.5694, 70.7915, 83.8706



69.6163, 70.7915, 98.7551



74.4799, 70.7915, 70.6660



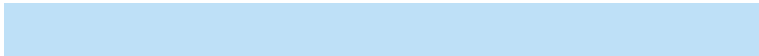
65.0067, 70.7915, 58.8337

Rectangle

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



60.5694, 70.7915, 83.8706



64.6178, 70.7915, 98.2656



74.4799, 70.7915, 70.6660



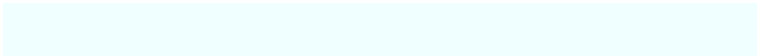
70.0251, 70.7915, 59.1816

Sweetspot

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



60.5715, 70.7944, 83.8722



89.6433, 97.2127, 108.6462



54.9929, 68.5846, 53.5212



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.



60.5715, 70.7944, 83.8722



75.3582, 89.8486, 107.9753



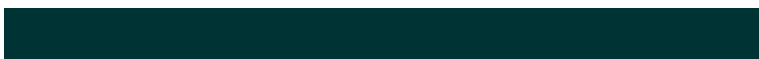
54.6116, 58.8740, 81.8875



14.8075, 16.3364, 18.5169



24.1052, 35.2742, 47.9158



1.7813, 2.6066, 3.5409

Inverse Universe

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



56.5569, 52.4338, 50.3228



69.3573, 62.4035, 57.8263



61.6388, 62.5982, 52.0154



14.3771, 14.3680, 14.9202



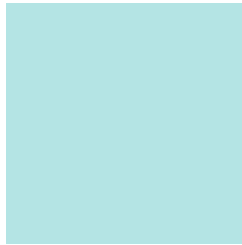
18.4751, 9.5243, 0.8649



1.3653, 0.7038, 0.0640

Previews

White Background



This preview shows how the XYZ color 60.5694, 70.7915, 83.8706 looks on a white background.

Color Contrast Check

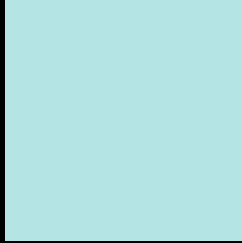
Large Text (above 18pt) WCAG AA × Fail

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 60.5694, 70.7915, 83.8706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

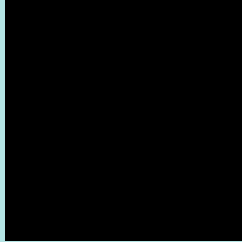
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

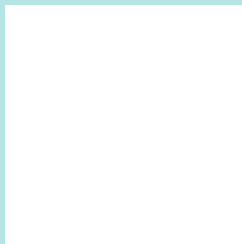
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5694, 70.7915, 83.8706

Background



This preview shows how black text looks on a background with the XYZ color 60.5694, 70.7915, 83.8706.

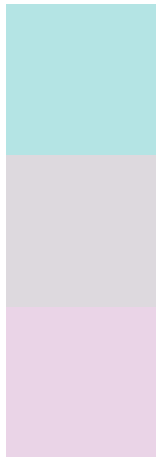


This preview shows how white text looks on a background with the XYZ color 60.5694, 70.7915,

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

60.5694, 70.7915, 83.8706

Protanopia

67.8165, 70.2718, 79.0967

Deuteranopia

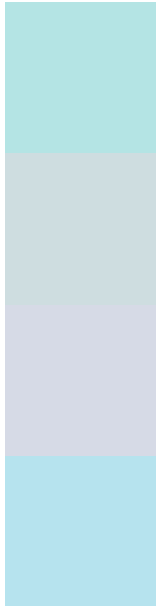
71.8990, 70.3489, 85.3905



Tritanopia

63.0539, 70.9916, 95.9674

Trichromacy



Original Color

60.5694, 70.7915, 83.8706

Protanomaly

64.7646, 70.2165, 80.6607

Deuteranomaly

67.0859, 70.1521, 84.8678

Tritanomaly

62.1931, 71.0563, 91.3262

Monochromacy



Original Color

60.5694, 70.7915, 83.8706

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 60.5694, 70.7915, 83.8706 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(180, 228, 228)` looks like.

```
.text, #text, p{  
    color:rgb(180, 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(180, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 228, 228) }
```

Border

The CSS property to change the border of an element to XYZ 60.5694, 70.7915, 83.8706 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(180, 228, 228) }
```


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

```
.border{ border-color:rgb(180, 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(180, 228, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 228, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 228, 228); box-shadow:4px 4px 4px 4px rgb(180, 228, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5694, 70.7915, 83.8706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 228, 228) }
```

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

```
.background{ background-color: rgb(180,  
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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