

Converting Colors

XYZ(60.7859, 69.9676, 86.6825)

Have a look what the booklet for
XYZ(60.7859, 69.9676, 86.6825)
contains.

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Color

**XYZ(60.8179, 70.0427,
86.6581)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E2E8
RGB	181, 226, 232
RGB Percent	71%, 89%, 91%
CMY	0.2902, 0.1137, 0.0902
CMYK	0.22, 0.03, 0.00, 0.09
HSL	187°, 53%, 81%
HSV	187°, 22%, 91%
XYZ	60.8179, 70.0427, 86.6581
YIQ	213.2290, -28.7460, -7.6740

Conversions

Conversions Part 2

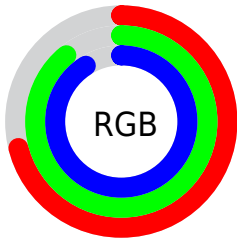
Format	Color
RYB	181, 205, 232
Decimal	11920104
CIELab	87.02, -13.18, -7.73
CIELCh	87, 15.282, 210.376
Yxy	70.0427, 0.2796, 0.3220
Android (android.graphics.Color)	4290110184 (0xFFB5E2E8)
YUV	213.2290, 9.2541, -28.2648
Hunter-Lab	83.6915, -16.7458, -2.8076

Details

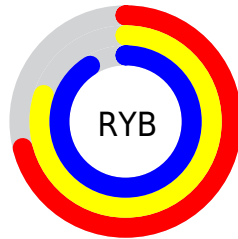
The XYZ color **60.8179, 70.0427, 86.6581** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.3902, 56.0328, 51.4026**, and the grayscale version is **63.3545, 66.6539, 72.5861**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **31.1518, 36.7724, 46.5302** is the 20% darker color. If you saturate the color by 10%, you get **55.0890, 65.9986, 86.1806**, and if you desaturate by 10%, it is **67.4685, 74.5831, 87.1851**.

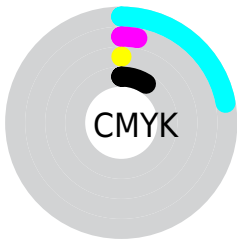
Distribution



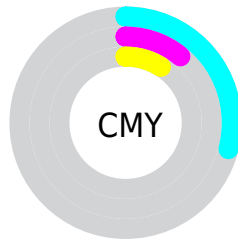
- Red (71%)
- Green (89%)
- Blue (91%)



- Red (71%)
- Yellow (80%)
- Blue (91%)



- Cyan (22%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (29%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8179, 70.0427, 86.6581 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 60.8179, 70.0427, 86.6581 by changing the saturation by 10% instead.

60.8179, 70.0427,
86.6581

60.8179, 70.0427,
86.6581

417.3926,
460.6999, 537.3857

44.3302, 51.5613,
64.6543

105.1148,
119.2696, 144.5822

31.1292, 36.6555,
46.7312

133.6548,
150.7840, 181.3395

20.8496, 24.9409,
32.4704

166.9429,
187.4115, 223.8517

13.1259, 16.0330,
21.4533

205.3444,
229.5366, 272.5374

7.5929, 9.5475,
13.2613

249.2248,
277.5435, 327.8152

3.8852, 5.1000,
7.4759

298.9494,

1.6374, 2.3061,

331.8168, 390.1034

3.6785

354.8835,
392.7408, 459.8208

■ 0.4166, 0.7769,
1.4507

■ 0.0000, 0.0000,
0.1808

■ 60.8179, 70.0427,
86.6581

■ 60.8179, 70.0427,
86.6581

■ 55.0890, 65.9986,
86.1806

■ 67.4685, 74.5831,
87.1851

■ 50.2309, 62.4190,
85.7457

■ 75.0765, 79.6329,
87.7588

■ 46.1968, 59.2816,
85.3528

■ 83.6831, 85.2151,
88.3827

■ 42.9333, 56.5587,
84.9992

■ 86.0659, 87.6066,
88.7187

40.3804, 54.2194,
84.6822

86.8614, 89.1977,
88.9839

38.4693, 52.2280,
84.3986

87.6690, 90.8129,
89.2531

37.1171, 50.5418,
84.1444

88.4888, 92.4524,
89.5263

36.3302, 49.3553,
83.9568

89.3207, 94.1162,
89.8036

90.1648, 95.8045,
90.0850

Harmonies

Analogous

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



59.9340, 70.0427, 76.3938



60.8179, 70.0427, 86.6581



63.2334, 70.0427, 94.6883

Triad

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



60.8179, 70.0427, 86.6581



72.7290, 70.0427, 86.4148



66.5284, 70.0427, 58.2250

Complementary

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



60.8179, 70.0427, 86.6581



59.3902, 56.0328, 51.4026

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.



70.0292, 70.0427, 60.4006



60.8179, 70.0427, 86.6581



73.6860, 70.0427, 76.1355

Square

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



60.8179, 70.0427, 86.6581



70.1100, 70.0427, 94.5392



72.6812, 70.0427, 66.7372



63.1579, 70.0427, 60.5112

Rectangle

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



60.8179, 70.0427, 86.6581



65.4310, 70.0427, 97.3655



72.6812, 70.0427, 66.7372



67.7292, 70.0427, 58.4564

Sweetspot

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



60.8200, 70.0456, 86.6597



88.1192, 95.4384, 108.3848



56.8782, 71.1240, 57.7175



18.7393, 20.3468, 23.1896



0.0000, 0.0000, 0.0000



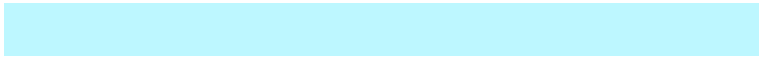
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8200, 70.0456, 86.6597



72.2850, 84.6467, 107.1364



54.4047, 57.2151, 84.5213



14.6552, 16.0318, 18.4664



20.2297, 27.5214, 46.6291



1.5360, 2.1160, 3.4594

Inverse Universe

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



63.5317, 55.6961, 79.3567



76.1931, 64.2542, 96.5472



65.2766, 67.8056, 53.3647



14.9183, 14.5845, 17.7701



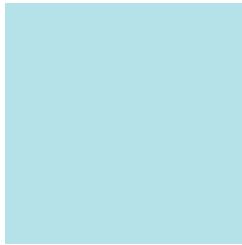
24.6045, 11.9760, 33.1420



1.8390, 0.8933, 2.5584

Previews

White Background



This preview shows how the XYZ color 60.8179, 70.0427, 86.6581 looks on a white background.

Color Contrast Check

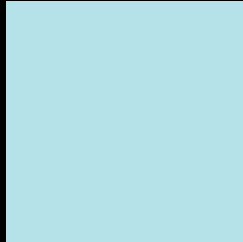
Large Text (above 18pt) WCAG AA × Fail

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 60.8179, 70.0427, 86.6581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

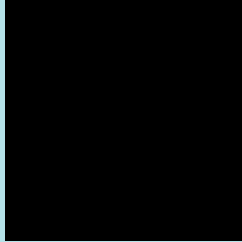
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8179, 70.0427, 86.6581

Background



This preview shows how black text looks on a background with the XYZ color 60.8179, 70.0427, 86.6581.

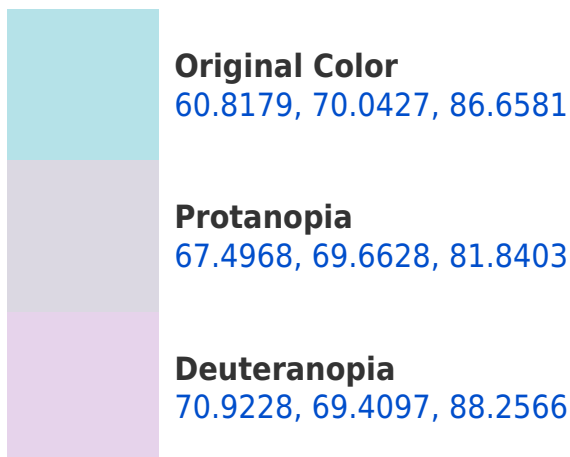


This preview shows how white text looks on a background with the XYZ color 60.8179, 70.0427,

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

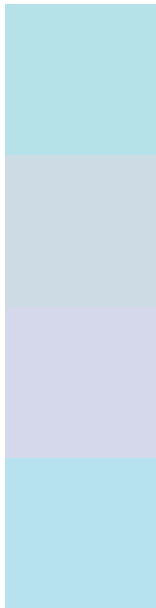




Tritanopia

62.2111, 69.7894, 94.1962

Trichromacy



Original Color

60.8179, 70.0427, 86.6581

Protanomaly

64.7736, 69.7670, 83.4512

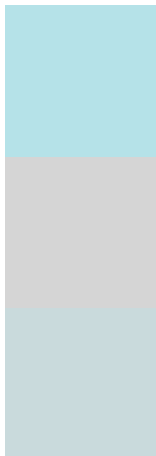
Deuteranomaly

66.5585, 69.0493, 87.6617

Tritanomaly

61.6492, 69.9686, 91.1449

Monochromacy



Original Color

60.8179, 70.0427, 86.6581

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.0771, 67.7276, 77.5111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8179, 70.0427, 86.6581 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, 226, 232)` looks like.

```
.text, #text, p{  
    color:rgb(181, 226, 232)  
}
```

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, 226, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 226, 232) }
```

Border

The CSS property to change the border of an element to XYZ 60.8179, 70.0427, 86.6581 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, 226, 232) }
```


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

```
.border{ border-color:rgb(181, 226, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 226, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 226, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 226, 232);  
box-shadow:4px 4px 4px 4px rgb(181, 226,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8179, 70.0427, 86.6581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 226, 232) }
```

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

```
.background{ background-color: rgb(181,  
226, 232) }
```

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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