

Converting Colors

XYZ(60.4481, 71.1132, 87.6334)

Have a look what the booklet for
XYZ(60.4481, 71.1132, 87.6334)
contains.

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Color

**XYZ(60.4065, 71.0358,
87.6183)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE5E9
RGB	175, 229, 233
RGB Percent	69%, 90%, 91%
CMY	0.3137, 0.1019, 0.0863
CMYK	0.25, 0.02, 0.00, 0.09
HSL	184°, 57%, 80%
HSV	184°, 25%, 91%
XYZ	60.4065, 71.0358, 87.6183
YIQ	213.3100, -33.4680, -10.2040

Conversions

Conversions Part 2

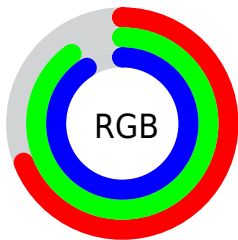
Format	Color
R_{YB}	175, 203, 233
Decimal	11527657
CIE _{Lab}	87.50, -16.25, -7.57
CIE _{LCh}	88, 17.925, 204.995
Yxy	71.0358, 0.2758, 0.3243
Android (android.graphics.Color)	4289717737 (0xFFAFE5E9)
YUV	213.3100, 9.7072, -33.5979
Hunter-Lab	84.2827, -19.5616, -2.6385

Details

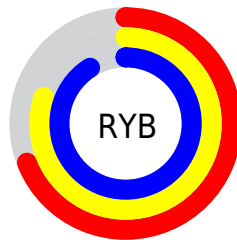
The XYZ color **60.4065, 71.0358, 87.6183** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.4630, 52.6593, 47.6945**, and the grayscale version is **63.4081, 66.7103, 72.6475**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **30.7645, 37.1264, 47.1396** is the 20% darker color. If you saturate the color by 10%, you get **55.1798, 67.6866, 87.2485**, and if you desaturate by 10%, it is **66.5438, 74.8642, 88.0349**.

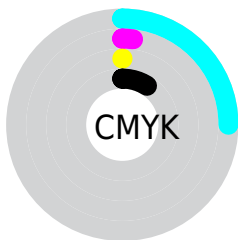
Distribution



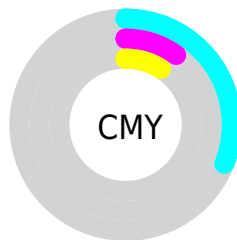
- Red (69%)
- Green (90%)
- Blue (91%)



- Red (69%)
- Yellow (80%)
- Blue (91%)



- Cyan (25%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4065, 71.0358, 87.6183 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 60.4065, 71.0358, 87.6183 by changing the saturation by 10% instead.

60.4065, 71.0358,
87.6183

60.4065, 71.0358,
87.6183

415.9053,
464.1786, 540.6213

43.9971, 52.3714,
65.4445

104.5221,
120.6847, 145.9321

30.8661, 37.3012,
47.3679

132.9590,
152.4380, 182.9091

20.6482, 25.4408,
32.9702

166.1358,
189.3231, 225.6576

12.9781, 16.4058,
21.8327

204.4178,
231.7243, 274.5962

7.4904, 9.8117,
13.5369

248.1704,
280.0260, 330.1433

3.8197, 5.2743,
7.6642

297.7589,

1.6006, 2.4091,

334.6127, 392.7175

3.7962

353.5488,
395.8688, 462.7373

■ 0.3928, 0.8306,
1.5142

■ 0.0000, 0.0000,
0.2285

■ 60.4065, 71.0358,
87.6183

■ 60.4065, 71.0358,
87.6183

■ 55.1798, 67.6866,
87.2485

■ 66.5438, 74.8642,
88.0349

■ 50.8111, 64.7839,
86.9185

■ 73.6284, 79.1852,
88.4956

■ 47.2519, 62.3047,
86.6275

■ 81.7028, 84.0226,
89.0037

■ 44.4467, 60.2202,
86.3730

■ 85.7791, 86.8051,
89.3260

■ 42.3325, 58.4980,
86.1520

■ 86.2420, 87.7309,
89.4803

■ 40.8363, 57.1004,
85.9611

■ 86.7091, 88.6651,
89.6360

■ 39.8687, 55.9813,
85.7961

■ 87.1804, 89.6077,
89.7931

■ 39.5066, 55.4801,
85.7185

■ 87.6559, 90.5586,
89.9516

■ 88.1355, 91.5179,
90.1114

Harmonies

Analogous

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



59.7302, 71.0358, 75.3302



60.4065, 71.0358, 87.6183



62.9556, 71.0358, 98.0513

Triad

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



60.4065, 71.0358, 87.6183



74.4054, 71.0358, 91.5017



68.2299, 71.0358, 56.3728

Complementary

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



60.4065, 71.0358, 87.6183



57.4630, 52.6593, 47.6945

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.



72.2945, 71.0358, 59.7821



60.4065, 71.0358, 87.6183



75.9537, 71.0358, 79.3973

Square

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



60.4065, 71.0358, 87.6183



71.0149, 71.0358, 100.4526



75.1655, 71.0358, 67.9095



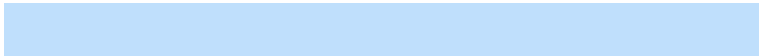
64.1366, 71.0358, 58.0858

Rectangle

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



60.4065, 71.0358, 87.6183



65.4322, 71.0358, 102.1141



75.1655, 71.0358, 67.9095



69.6465, 71.0358, 56.9464

Sweetspot

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



60.4086, 71.0387, 87.6199



88.3940, 95.9880, 108.4764



54.9427, 70.6424, 53.3182



18.8031, 20.4745, 23.2109



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.



60.4086, 71.0387, 87.6199



70.6262, 84.9465, 107.2817



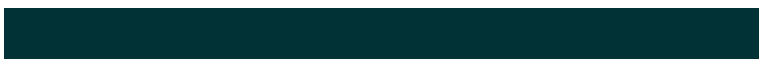
53.0737, 56.3690, 85.1750



15.4237, 16.9337, 19.3779



22.4542, 31.5555, 48.6503



1.7899, 2.5313, 3.8291

Inverse Universe

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



63.0788, 53.6423, 81.1614



74.4727, 60.1852, 97.9107



63.8668, 65.4669, 49.8291



15.6674, 15.2948, 18.7998



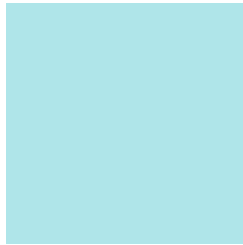
26.1892, 12.6784, 38.3930



2.0700, 1.0010, 3.0859

Previews

White Background



This preview shows how the XYZ color 60.4065, 71.0358, 87.6183 looks on a white background.

Color Contrast Check

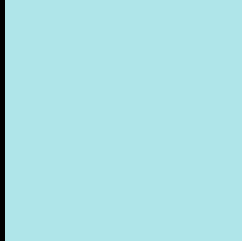
Large Text (above 18pt) WCAG AA × Fail

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 60.4065, 71.0358, 87.6183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

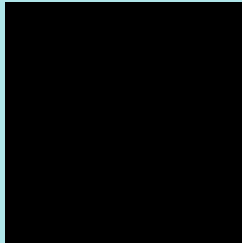
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4065, 71.0358, 87.6183

Background



This preview shows how black text looks on a background with the XYZ color 60.4065, 71.0358, 87.6183.



This preview shows how white text looks on a background with the XYZ color 60.4065, 71.0358,

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

60.4065, 71.0358, 87.6183

Protanopia

68.0555, 70.3323, 81.9401

Deuteranopia

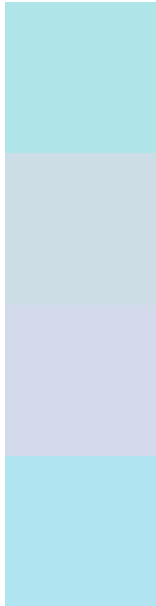
71.9625, 70.2989, 89.1331



Tritanopia

62.3106, 70.9957, 96.8056

Trichromacy



Original Color

60.4065, 71.0358, 87.6183

Protanomaly

64.9011, 70.2074, 84.2595

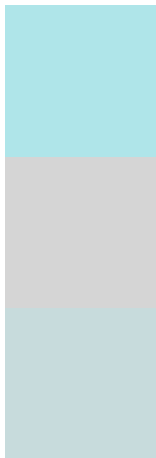
Deuteranomaly

66.9308, 69.9898, 88.5790

Tritanomaly

61.7520, 71.1848, 93.7044

Monochromacy



Original Color

60.4065, 71.0358, 87.6183

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.8030, 67.9725, 77.5728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4065, 71.0358, 87.6183 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(175, 229, 233)` looks like.

```
.text, #text, p{  
    color:rgb(175, 229, 233)  
}
```

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(175, 229, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 229, 233) }
```

Border

The CSS property to change the border of an element to XYZ 60.4065, 71.0358, 87.6183 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(175, 229, 233) }
```


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

```
.border{ border-color:rgb(175, 229, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 229, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 229, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 229, 233);  
box-shadow:4px 4px 4px 4px rgb(175, 229,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4065, 71.0358, 87.6183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 229, 233) }
```

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

```
.background{ background-color: rgb(175,  
229, 233) }
```

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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