

Converting Colors

XYZ(60.4853, 71.3668, 88.9648)

Have a look what the booklet for
XYZ(60.4853, 71.3668, 88.9648)
contains.

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Color

**XYZ(60.5258, 71.4760,
89.2035)**

Conversions

Conversions Part 1

Format	Color
Hex	ADE6EB
RGB	173, 230, 235
RGB Percent	68%, 90%, 92%
CMY	0.3216, 0.0980, 0.0784
CMYK	0.26, 0.02, 0.00, 0.08
HSL	185°, 61%, 80%
HSV	185°, 26%, 92%
XYZ	60.5258, 71.4760, 89.2035
YIQ	213.5270, -35.5770, -10.5290

Conversions

Conversions Part 2

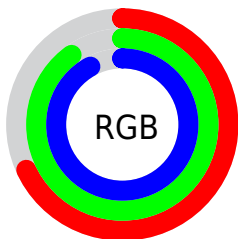
Format	Color
RYB	173, 203, 235
Decimal	11396843
CIELab	87.72, -16.88, -8.32
CIELCh	88, 18.823, 206.238
Yxy	71.4760, 0.2736, 0.3231
Android (android.graphics.Color)	4289586923 (0xFFADE6EB)
YUV	213.5270, 10.5862, -35.5422
Hunter-Lab	84.5435, -20.1606, -3.3776

Details

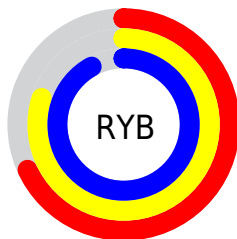
The XYZ color **60.5258, 71.4760, 89.2035** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.7251, 52.5206, 46.6318**, and the grayscale version is **63.5488, 66.8583, 72.8087**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **30.8805, 37.4487, 48.2486** is the 20% darker color. If you saturate the color by 10%, you get **55.2557, 67.9827, 88.8082**, and if you desaturate by 10%, it is **66.7198, 75.4577, 89.6468**.

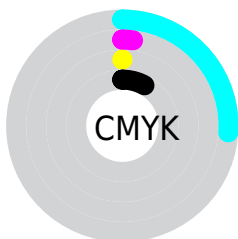
Distribution



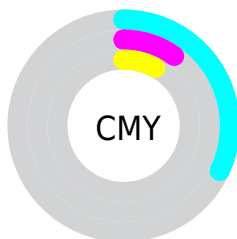
- Red (68%)
- Green (90%)
- Blue (92%)



- Red (68%)
- Yellow (80%)
- Blue (92%)



- Cyan (26%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)



- Cyan (32%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5258, 71.4760, 89.2035 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 60.5258, 71.4760, 89.2035 by changing the saturation by 10% instead.

60.5258, 71.4760,
89.2035

60.5258, 71.4760,
89.2035

416.3369,
465.7157, 545.9396

44.0937, 52.7307,
66.7502

104.6940,
121.3112, 148.1574

30.9424, 37.5879,
48.4214

133.1609,
153.1700, 185.4950

20.7066, 25.6630,
33.7983

166.3699,
190.1688, 228.6313

13.0209, 16.5717,
22.4626

204.6867,
232.6919, 277.9846

7.5201, 9.9296,
13.9957

248.4764,
281.1237, 333.9735

3.8386, 5.3523,
7.9789

298.1044,

1.6112, 2.4554,

335.8487, 397.0166

3.9939

353.9361,
397.2512, 467.5325

■ 0.3997, 0.8542,
1.6220

■ 0.0000, 0.0000,
0.3064

■ 60.5258, 71.4760,
89.2035

■ 60.5258, 71.4760,
89.2035

■ 55.2557, 67.9827,
88.8082

■ 66.7198, 75.4577,
89.6468

■ 50.8553, 64.9443,
88.4536

■ 73.8757, 79.9421,
90.1352

■ 47.2745, 62.3369,
88.1391

■ 82.0372, 84.9534,
90.6723

■ 44.4553, 60.1306,
87.8618

■ 86.6883, 88.1637,
91.0468

■ 42.3323, 58.2916,
87.6187

■ 87.2415, 89.2699,
91.2312

■ 40.8289, 56.7804,
87.4063

■ 87.8004, 90.3878,
91.4175

■ 39.8492, 55.5475,
87.2200

■ 88.3652, 91.5173,
91.6058

■ 39.5668, 55.1406,
87.1563

■ 88.9358, 92.6586,
91.7960

■ 89.5123, 93.8116,
91.9881

Harmonies

Analogous

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



59.7278, 71.4760, 76.2237



60.5258, 71.4760, 89.2035



63.2775, 71.4760, 100.0963

Triad

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



60.5258, 71.4760, 89.2035



75.3224, 71.4760, 92.2977



68.5004, 71.4760, 55.7879

Complementary

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



60.5258, 71.4760, 89.2035



57.7251, 52.5206, 46.6318

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.



72.8172, 71.4760, 59.1299



60.5258, 71.4760, 89.2035



76.8632, 71.4760, 79.4490

Square

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



60.5258, 71.4760, 89.2035



71.8005, 71.4760, 102.0157



75.9272, 71.4760, 67.4581



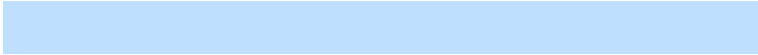
64.2123, 71.4760, 57.7973

Rectangle

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



60.5258, 71.4760, 89.2035



65.9148, 71.4760, 104.2191



75.9272, 71.4760, 67.4581



69.9977, 71.4760, 56.3123

Sweetspot

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



60.5279, 71.4789, 89.2051



87.4167, 95.2895, 108.3931



54.8925, 71.4819, 52.5705



18.4222, 20.2161, 23.1811



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.



60.5279, 71.4789, 89.2051



69.0697, 83.5450, 107.0932



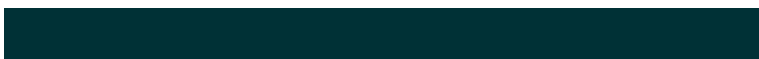
52.8539, 56.1308, 86.6471



15.4078, 16.9020, 19.3726



22.0650, 30.7771, 48.5206



1.7634, 2.4784, 3.8203

Inverse Universe

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



63.4892, 53.2642, 81.8009



73.2694, 58.1044, 96.5048



64.3935, 65.8576, 48.8546



15.6594, 15.2916, 18.7576



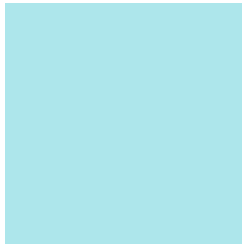
25.9927, 12.5998, 37.3585



2.0566, 0.9956, 3.0154

Previews

White Background



This preview shows how the XYZ color 60.5258, 71.4760, 89.2035 looks on a white background.

Color Contrast Check

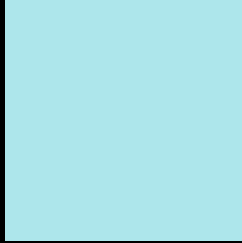
Large Text (above 18pt) WCAG AA × Fail

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 60.5258, 71.4760, 89.2035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

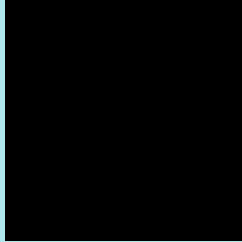
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5258, 71.4760, 89.2035

Background



This preview shows how black text looks on a background with the XYZ color 60.5258, 71.4760, 89.2035.

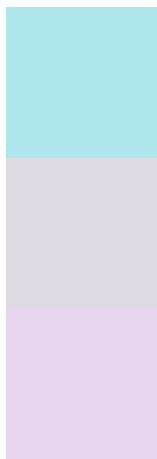


This preview shows how white text looks on a background with the XYZ color 60.5258, 71.4760,

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

60.5258, 71.4760, 89.2035

Protanopia

68.8938, 71.1164, 83.4945

Deuteranopia

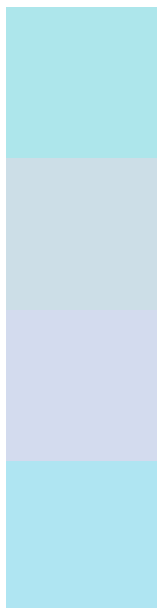
72.6529, 70.9763, 91.5319



Tritanopia

62.2825, 71.3707, 97.6821

Trichromacy



Original Color

60.5258, 71.4760, 89.2035

Protanomaly

65.4469, 70.8494, 85.8272

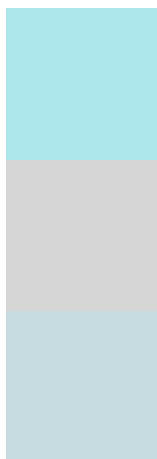
Deuteranomaly

67.6281, 70.6850, 90.9681

Tritanomaly

61.7255, 71.5634, 94.5642

Monochromacy



Original Color

60.5258, 71.4760, 89.2035

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.3312, 68.6024, 79.0636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5258, 71.4760, 89.2035 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(173, 230, 235)` looks like.

```
.text, #text, p{  
    color:rgb(173, 230, 235)  
}
```

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(173, 230, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 230, 235) }
```

Border

The CSS property to change the border of an element to XYZ 60.5258, 71.4760, 89.2035 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(173, 230, 235) }
```


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

```
.border{ border-color:rgb(173, 230, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 230, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 230, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 230, 235);  
box-shadow:4px 4px 4px 4px rgb(173, 230,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5258, 71.4760, 89.2035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 230, 235) }
```

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

```
.background{ background-color: rgb(173,  
230, 235) }
```

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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