

Converting Colors

XYZ(61.0074, 73.2603, 85.1571)

Have a look what the booklet for
XYZ(61.0074, 73.2603, 85.1571)
contains.

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Color

**XYZ(60.9610, 73.0489,
85.0156)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE9E5
RGB	175, 233, 229
RGB Percent	69%, 91%, 90%
CMY	0.3137, 0.0863, 0.1020
CMYK	0.25, 0.00, 0.02, 0.09
HSL	176°, 57%, 80%
HSV	176°, 25%, 91%
XYZ	60.9610, 73.0489, 85.0156
YIQ	215.2020, -33.2840, -13.5400

Conversions

Conversions Part 2

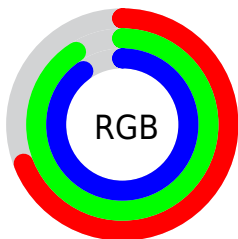
Format	Color
RYB	175, 205, 233
Decimal	11528677
CIELab	88.47, -19.11, -4.04
CIELCh	88, 19.533, 191.947
Yxy	73.0489, 0.2783, 0.3335
Android (android.graphics.Color)	4289718757 (0xFFAFE9E5)
YUV	215.2020, 6.8024, -35.2572
Hunter-Lab	85.4686, -22.2540, 0.8523

Details

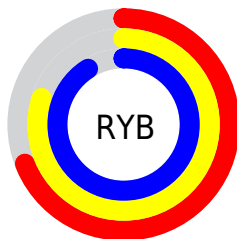
The XYZ color **60.9610, 73.0489, 85.0156** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.0735, 51.2404, 49.5332**, and the grayscale version is **64.7014, 68.0709, 74.1292**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **31.2473, 38.5652, 45.8413** is the 20% darker color. If you saturate the color by 10%, you get **55.9530, 70.4949, 83.6160**, and if you desaturate by 10%, it is **66.8777, 76.0749, 86.4717**.

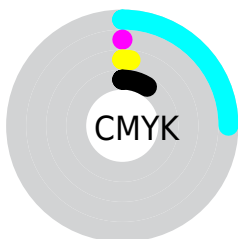
Distribution



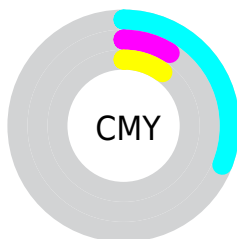
- Red (69%)
- Green (91%)
- Blue (90%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9610, 73.0489, 85.0156 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 60.9610, 73.0489, 85.0156 by changing the saturation by 10% instead.

60.9610, 73.0489,
85.0156

60.9610, 73.0489,
85.0156

417.9092,
471.1843, 531.8256

44.4461, 54.0159,
63.3040

105.3209,
123.5466, 142.2693

31.2208, 38.6144,
45.6446

133.8966,
155.7802, 178.6486

20.9197, 26.4599,
31.6189

167.2233,
193.1828, 220.7542

13.1774, 17.1680,
20.8081

205.6664,
236.1387, 269.0046

7.6287, 10.3543,
12.7940

249.5912,
285.0324, 323.8184

3.9081, 5.6345,
7.1578

299.3630,

1.6503, 2.6242,

340.2483, 385.6141

3.4810

355.3472,
402.1708, 454.8104

■ 0.4248, 0.9388,
1.3452

■ 0.0000, 0.0000,
0.0984

■ 60.9610, 73.0489,
85.0156

■ 60.9610, 73.0489,
85.0156

■ 55.9530, 70.4949,
83.6160

■ 66.8777, 76.0749,
86.4717

■ 51.8009, 68.3800,
82.2658

■ 73.7396, 79.5860,
87.9813

■ 48.4565, 66.6812,
80.9642

■ 81.5892, 83.6061,
89.5480

■ 45.8639, 65.3698,
79.7085

■ 85.4383, 85.5636,
90.9385

■ 43.9604, 64.4134,
78.4959

■ 85.6723, 85.6572,
92.1708

■ 42.6729, 63.7743,
77.3227

■ 85.9084, 85.7516,
93.4141

■ 41.9120, 63.4064,
76.1849

■ 86.1467, 85.8469,
94.6686

■ 41.6547, 63.2861,
75.6141

■ 86.3870, 85.9431,
95.9343

■ 86.6295, 86.0401,
97.2111

Harmonies

Analogous

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



61.1897, 73.0489, 71.7853



60.9610, 73.0489, 85.0156



62.9251, 73.0489, 98.1190

Triad

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



60.9610, 73.0489, 85.0156



75.6472, 73.0489, 100.3779



72.2686, 73.0489, 57.3847

Complementary

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



60.9610, 73.0489, 85.0156



57.0735, 51.2404, 49.5332

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.



76.3701, 73.0489, 63.4644



60.9610, 73.0489, 85.0156



78.3805, 73.0489, 87.8294

Square

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



60.9610, 73.0489, 85.0156



71.3180, 73.0489, 107.6348



78.6509, 73.0489, 74.3006



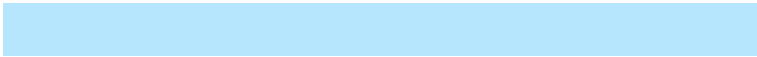
67.5772, 73.0489, 56.8128

Rectangle

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



60.9610, 73.0489, 85.0156



65.2677, 73.0489, 104.6295



78.6509, 73.0489, 74.3006



73.7673, 73.0489, 58.8173

Sweetspot

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



60.9631, 73.0519, 85.0173



88.5874, 96.6913, 107.5656



55.6627, 71.0593, 51.3411



18.8481, 20.6379, 22.9992



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.



60.9631, 73.0519, 85.0173



71.4466, 87.9288, 103.4193



55.1490, 60.5188, 85.8687



15.4702, 17.1029, 19.1588



23.6538, 35.9160, 43.0034



1.8709, 2.8257, 3.4480

Inverse Universe

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



57.0735, 51.2404, 49.5332



65.8887, 56.7516, 52.7077



61.8065, 61.3449, 49.1422



15.1076, 15.0709, 15.8521



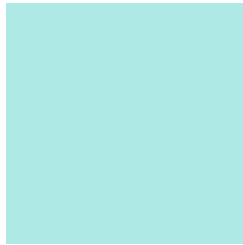
19.1372, 9.8576, 1.2580



1.5175, 0.7800, 0.1767

Previews

White Background



This preview shows how the XYZ color 60.9610, 73.0489, 85.0156 looks on a white background.

Color Contrast Check

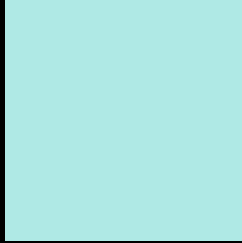
Large Text (above 18pt) WCAG AA × Fail

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 60.9610, 73.0489, 85.0156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

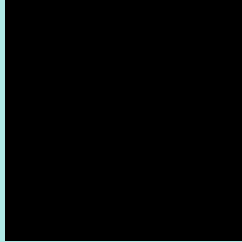
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

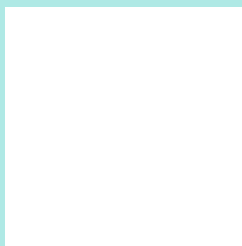
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9610, 73.0489, 85.0156

Background



This preview shows how black text looks on a background with the XYZ color 60.9610, 73.0489, 85.0156.



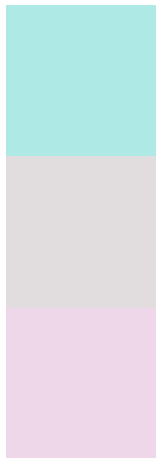
This preview shows how white text looks on a background with the XYZ color 60.9610, 73.0489,

85.0156.

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

60.9610, 73.0489, 85.0156

Protanopia

69.8294, 72.4679, 79.4145

Deuteranopia

74.2683, 72.6612, 87.2014



Tritanopia

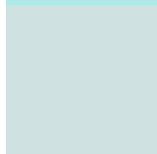
63.8305, 72.9546, 99.5244

Trichromacy



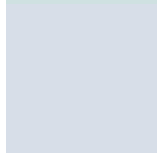
Original Color

60.9610, 73.0489, 85.0156



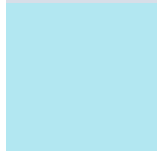
Protanomaly

66.2479, 72.5521, 81.7465



Deuteranomaly

68.7111, 72.5158, 86.7194



Tritanomaly

62.8132, 72.9677, 93.9927

Monochromacy



Original Color

60.9610, 73.0489, 85.0156



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.8590, 69.6892, 77.8485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9610, 73.0489, 85.0156 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, 233, 229)` looks like.

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

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, 233, 229) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 60.9610, 73.0489, 85.0156 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, 233, 229) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 60.9610, 73.0489, 85.0156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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