

Converting Colors

XYZ(60.8633, 70.1592, 95.1294)

Have a look what the booklet for
XYZ(60.8633, 70.1592, 95.1294)
contains.

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Color

**XYZ(60.8803, 70.2935,
95.1533)**

Conversions

Conversions Part 1

Format	Color
Hex	ADE3F3
RGB	173, 227, 243
RGB Percent	68%, 89%, 95%
CMY	0.3216, 0.1098, 0.0471
CMYK	0.29, 0.07, 0.00, 0.05
HSL	194°, 74%, 82%
HSV	194°, 29%, 95%
XYZ	60.8803, 70.2935, 95.1533
YIQ	212.6780, -37.3200, -6.4720

Conversions

Conversions Part 2

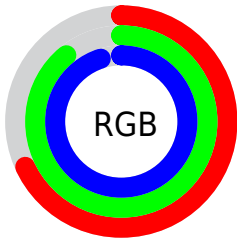
Format	Color
R_{YB}	173, 203, 243
Decimal	11396083
CIE _{Lab}	87.14, -13.57, -13.38
CIE _{LCh}	87, 19.057, 224.614
Yxy	70.2935, 0.2690, 0.3106
Android (android.graphics.Color)	4289586163 (0xFFADE3F3)
YUV	212.6780, 14.9487, -34.7976
Hunter-Lab	83.8412, -17.1065, -8.6007

Details

The XYZ color **60.8803, 70.2935, 95.1533** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62.7034, 58.4674, 47.5172**, and the grayscale version is **62.9537, 66.2322, 72.1269**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **31.3299, 37.0148, 52.5070** is the 20% darker color. If you saturate the color by 10%, you get **54.4938, 64.7842, 94.4277**, and if you desaturate by 10%, it is **68.2972, 76.4102, 95.9442**.

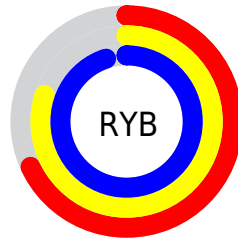
Distribution



Red (68%)

Green (89%)

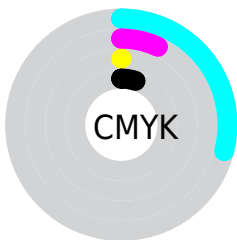
Blue (95%)



Red (68%)

Yellow (80%)

Blue (95%)

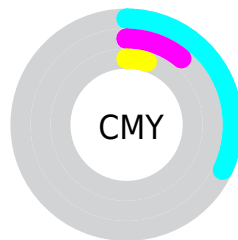


Cyan (29%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (32%)

Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8803, 70.2935, 95.1533 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 60.8803, 70.2935, 95.1533 by changing the saturation by 10% instead.

60.8803, 70.2935,
95.1533

60.8803, 70.2935,
95.1533

417.6179,
461.5799, 565.6525

44.3807, 51.7658,
71.6650

105.2047,
119.6272, 156.4738

31.1691, 36.8185,
52.3999

133.7602,
151.2021, 195.1430

20.8801, 25.0670,
36.9395

167.0652,
187.8948, 239.7096

13.1484, 16.1270,
24.8652

205.4848,
230.0897, 290.5922

7.6085, 9.6140,
15.7586

249.3846,
278.1713, 348.2092

3.8952, 5.1438,
9.2010

299.1298,

1.6430, 2.3319,

332.5239, 412.9793

4.7739

355.0858,
393.5320, 485.3208

■ 0.4202, 0.7905,
2.0588

■ 0.0000, 0.0000,
0.5911

■ 60.8803, 70.2935,
95.1533

■ 60.8803, 70.2935,
95.1533

■ 54.4938, 64.7842,
94.4277

■ 68.2972, 76.4102,
95.9442

■ 49.0780, 59.8456,
93.7599

■ 76.7876, 83.1521,
96.7980

■ 44.5764, 55.4496,
93.1486

■ 86.3999, 90.5463,
97.7186

■ 40.9240, 51.5621,
92.5908

■ 91.3610, 95.6174,
98.4360

■ 38.0466, 48.1442,
92.0827

■ 93.1051, 99.1055,
99.0173

■ 35.8567, 45.1499,
91.6202

■ 93.1779, 99.2512,
99.0416

■ 34.2253, 42.5121,
91.1970

■ 34.0475, 42.2104,
91.1481

Harmonies

Analogous

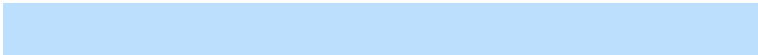
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.8379, 70.2935, 82.9156



60.8803, 70.2935, 95.1533



64.5580, 70.2935, 102.7987

Triad

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



60.8803, 70.2935, 95.1533



75.4431, 70.2935, 83.2538



64.6674, 70.2935, 55.1106

Complementary

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



60.8803, 70.2935, 95.1533



62.7034, 58.4674, 47.5172

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.



69.1175, 70.2935, 55.1795



60.8803, 70.2935, 95.1533



75.4756, 70.2935, 70.4955

Square

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



60.8803, 70.2935, 95.1533



73.0298, 70.2935, 95.4246



73.1167, 70.2935, 60.5236



60.9573, 70.2935, 60.3234

Rectangle

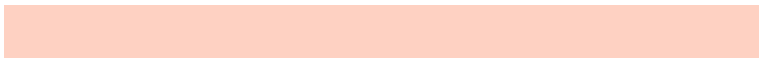
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.8803, 70.2935, 95.1533



67.5054, 70.2935, 103.7783



73.1167, 70.2935, 60.5236



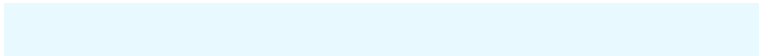
66.1231, 70.2935, 54.5371

Sweetspot

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



60.8824, 70.2963, 95.1549



85.4545, 92.6033, 107.9780



58.3806, 76.6248, 59.3858



17.9794, 19.5770, 23.0811



0.0000, 0.0000, 0.0000



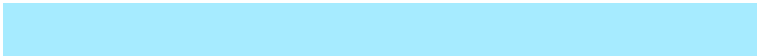
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8824, 70.2963, 95.1549



63.3184, 74.4897, 105.6485



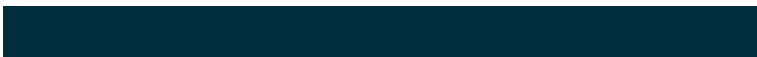
52.4458, 53.4231, 92.3427



16.6568, 18.0779, 21.1540



18.7929, 23.3796, 50.0602



1.7282, 2.2078, 4.4253

Inverse Universe

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



65.7725, 54.4895, 79.7272



69.7689, 54.4169, 85.1234



70.9385, 74.9377, 50.2622



17.0421, 16.6997, 19.9683



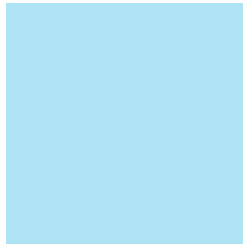
25.2903, 12.4596, 27.3008



2.2614, 1.1105, 2.6027

Previews

White Background



This preview shows how the XYZ color 60.8803, 70.2935, 95.1533 looks on a white background.

Color Contrast Check

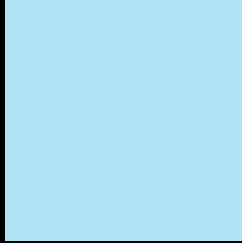
Large Text (above 18pt) WCAG AA × Fail

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 60.8803, 70.2935, 95.1533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

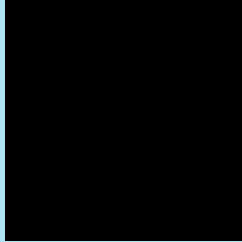
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8803, 70.2935, 95.1533

Background



This preview shows how black text looks on a background with the XYZ color 60.8803, 70.2935, 95.1533.

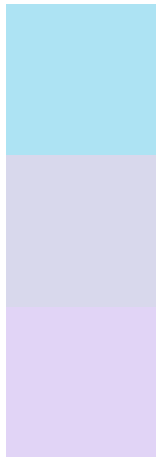


This preview shows how white text looks on a background with the XYZ color 60.8803, 70.2935,

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

60.8803, 70.2935, 95.1533

Protanopia

68.0151, 69.7668, 89.2384

Deuteranopia

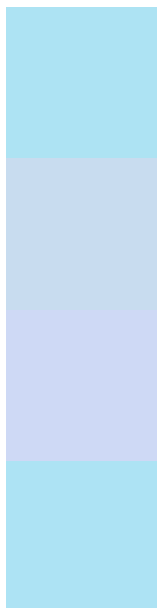
71.2294, 69.7483, 96.8974



Tritanopia

61.1841, 70.4150, 96.7529

Trichromacy



Original Color

60.8803, 70.2935, 95.1533

Protanomaly

64.9926, 69.6978, 91.6889

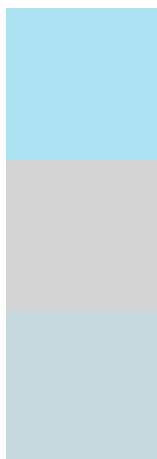
Deuteranomaly

66.7479, 69.3401, 96.2522

Tritanomaly

61.0318, 70.3541, 95.9509

Monochromacy



Original Color

60.8803, 70.2935, 95.1533

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.8147, 67.5304, 80.2977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8803, 70.2935, 95.1533 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, 227, 243)` looks like.

```
.text, #text, p{  
    color:rgb(173, 227, 243)  
}
```

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, 227, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 227, 243) }
```

Border

The CSS property to change the border of an element to XYZ 60.8803, 70.2935, 95.1533 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, 227, 243) }
```


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

```
.border{ border-color:rgb(173, 227, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 227, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 227, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 227, 243);  
box-shadow:4px 4px 4px 4px rgb(173, 227,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8803, 70.2935, 95.1533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 227, 243) }
```

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

```
.background{ background-color: rgb(173,  
227, 243) }
```

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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