

Converting Colors

XYZ(59.9803, 69.6272, 85.8794)

Have a look what the booklet for
XYZ(59.9803, 69.6272, 85.8794)
contains.

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Color

**XYZ(59.9803, 69.6272,
85.8794)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E2E7
RGB	178, 226, 231
RGB Percent	70%, 89%, 91%
CMY	0.3019, 0.1137, 0.0941
CMYK	0.23, 0.02, 0.00, 0.09
HSL	186°, 52%, 80%
HSV	186°, 23%, 91%
XYZ	59.9803, 69.6272, 85.8794
YIQ	212.2180, -30.2130, -8.6210

Conversions

Conversions Part 2

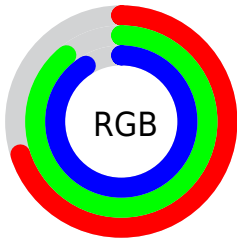
Format	Color
R _Y B	178, 203, 231
Decimal	11723495
CIE Lab	86.81, -14.29, -7.52
CIE LCh	87, 16.150, 207.761
Yxy	69.6272, 0.2783, 0.3231
Android (android.graphics.Color)	4289913575 (0xFFB2E2E7)
YUV	212.2180, 9.2595, -30.0092
Hunter-Lab	83.4429, -17.7160, -2.6112

Details

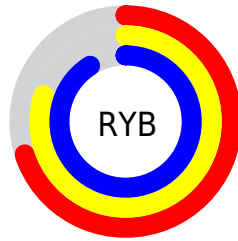
The XYZ color **59.9803, 69.6272, 85.8794** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.9252, 54.0707, 49.5047**, and the grayscale version is **62.6807, 65.9449, 71.8140**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **30.6130, 36.5061, 45.9903** is the 20% darker color. If you saturate the color by 10%, you get **54.5319, 65.9465, 85.4573**, and if you desaturate by 10%, it is **66.3328, 73.7887, 86.3490**.

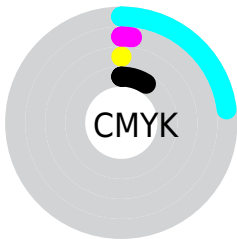
Distribution



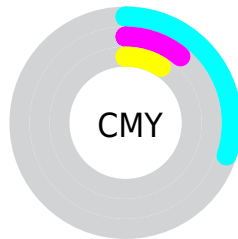
- Red (70%)
- Green (89%)
- Blue (91%)



- Red (70%)
- Yellow (80%)
- Blue (91%)



- Cyan (23%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (30%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9803, 69.6272, 85.8794 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 59.9803, 69.6272, 85.8794 by changing the saturation by 10% instead.

■ 59.9803, 69.6272,
85.8794

■ 59.9803, 69.6272,
85.8794

414.3611,
459.2400, 534.7538

■ 43.6522, 51.2227,
64.0139

■ 103.9076,
118.6770, 143.4862

■ 30.5939, 36.3858,
46.2157

132.2375,
150.0910, 180.0647

■ 20.4401, 24.7323,
32.0662

165.2986,
186.6103, 222.3845

■ 12.8255, 15.8778,
21.1468

203.4564,
228.6193, 270.8643

■ 7.3846, 9.4377,
13.0391

247.0762,
276.5024, 325.9226

■ 3.7523, 5.0278,
7.3244

296.5233,

■ 1.5630, 2.2636,

330.6439, 387.9779

3.5843

352.1632,
391.4283, 457.4488

■ 0.3681, 0.7543,
1.4002

■ 0.0000, 0.0000,
0.1419

■ 59.9803, 69.6272,
85.8794

■ 59.9803, 69.6272,
85.8794

■ 54.5319, 65.9465,
85.4573

■ 66.3328, 73.7887,
86.3490

■ 49.9368, 62.7151,
85.0757

■ 73.6248, 78.4439,
86.8632

■ 46.1485, 59.9107,
84.7341

■ 81.8974, 83.6159,
87.4255

■ 43.1135, 57.5056,
84.4298

■ 85.2913, 86.2842,
87.7616

40.7717, 55.4690,
84.1601

85.9178, 87.5371,
87.9704

39.0542, 53.7651,
83.9218

86.5519, 88.8053,
88.1818

37.8770, 52.3507,
83.7108

87.1937, 90.0889,
88.3957

37.2787, 51.4789,
83.5741

87.8432, 91.3879,
88.6122

88.5004, 92.7024,
88.8313

Harmonies

Analogous

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



59.2088, 69.6272, 75.0056



59.9803, 69.6272, 85.8794



62.3934, 69.6272, 94.7244

Triad

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



59.9803, 69.6272, 85.8794



72.4890, 69.6272, 87.4119



66.4616, 69.6272, 56.9344

Complementary

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



59.9803, 69.6272, 85.8794



57.9252, 54.0707, 49.5047

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.



70.1138, 69.6272, 59.6013



59.9803, 69.6272, 85.8794



73.6749, 69.6272, 76.6245

Square

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



59.9803, 69.6272, 85.8794



69.6062, 69.6272, 95.6666



72.7898, 69.6272, 66.5642



62.8653, 69.6272, 58.9144

Rectangle

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



59.9803, 69.6272, 85.8794



64.6566, 69.6272, 97.9193



72.7898, 69.6272, 66.5642



67.7242, 69.6272, 57.3112

Sweetspot

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



59.9823, 69.6300, 85.8810



88.2506, 95.7012, 108.4286



55.4240, 70.0128, 55.0763



18.7698, 20.4078, 23.1998



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.



59.9823, 69.6300, 85.8810



71.3713, 84.6606, 107.1872



53.4589, 56.5832, 83.7065



14.6852, 16.0918, 18.4764



20.9484, 28.9588, 46.8687



1.5820, 2.2080, 3.4748

Inverse Universe

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



62.6045, 54.3224, 79.1403



75.2824, 62.1690, 97.0569



63.7722, 65.7647, 51.4537



14.9334, 14.5906, 17.8499



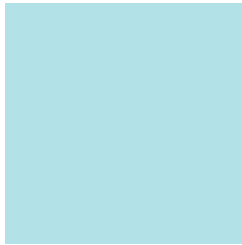
24.9673, 12.1211, 35.0523



1.8622, 0.9026, 2.6806

Previews

White Background



This preview shows how the XYZ color 59.9803, 69.6272, 85.8794 looks on a white background.

Color Contrast Check

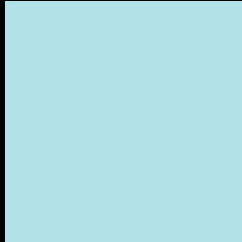
Large Text (above 18pt) WCAG AA × Fail

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 59.9803, 69.6272, 85.8794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

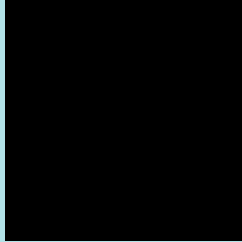
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9803, 69.6272, 85.8794

Background



This preview shows how black text looks on a background with the XYZ color 59.9803, 69.6272, 85.8794.



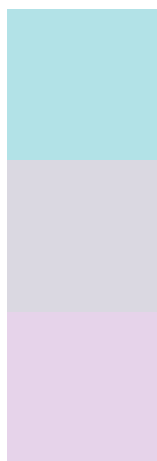
This preview shows how white text looks on a background with the XYZ color 59.9803, 69.6272,

85.8794.

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

59.9803, 69.6272, 85.8794

Protanopia

67.0599, 69.4534, 81.1056

Deuteranopia

70.7787, 69.3520, 87.4977



Tritanopia

61.5051, 69.4254, 94.1632

Trichromacy



Original Color

59.9803, 69.6272, 85.8794

Protanomaly

64.0869, 69.4290, 82.6964

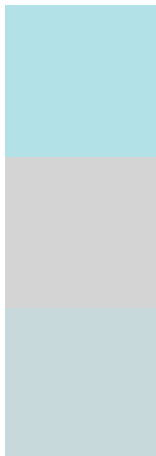
Deuteranomaly

66.1278, 68.8438, 86.8937

Tritanomaly

60.9482, 69.6072, 91.1121

Monochromacy



Original Color

59.9803, 69.6272, 85.8794

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.4185, 67.0195, 76.7168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9803, 69.6272, 85.8794 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(178, 226, 231)` looks like.

```
.text, #text, p{  
    color:rgb(178, 226, 231)  
}
```

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(178, 226, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 226, 231) }
```

Border

The CSS property to change the border of an element to XYZ 59.9803, 69.6272, 85.8794 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(178, 226, 231) }
```


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

```
.border{ border-color:rgb(178, 226, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 226, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 226, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 226, 231);  
box-shadow:4px 4px 4px 4px rgb(178, 226,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9803, 69.6272, 85.8794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 226, 231) }
```

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

```
.background{ background-color: rgb(178,  
226, 231) }
```

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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