

Converting Colors

XYZ(57.6167, 67.6865, 81.9796)

Have a look what the booklet for
XYZ(57.6167, 67.6865, 81.9796)
contains.

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Color

**XYZ(57.6167, 67.6865,
81.9796)**

Conversions

Conversions Part 1

Format	Color
Hex	ADE0E2
RGB	173, 224, 226
RGB Percent	68%, 88%, 89%
CMY	0.3216, 0.1216, 0.1137
CMYK	0.23, 0.01, 0.00, 0.11
HSL	182°, 48%, 78%
HSV	182°, 23%, 89%
XYZ	57.6167, 67.6865, 81.9796
YIQ	208.9790, -31.0380, -10.1900

Conversions

Conversions Part 2

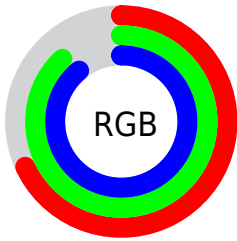
Format	Color
RYB	173, 199, 226
Decimal	11395298
CIELab	85.85, -15.84, -6.34
CIElCh	86, 17.067, 201.823
Yxy	67.6865, 0.2780, 0.3265
Android (android.graphics.Color)	4289585378 (0xFFADE0E2)
YUV	208.9790, 8.3914, -31.5536
Hunter-Lab	82.2718, -18.9683, -1.4892

Details

The XYZ color **57.6167, 67.6865, 81.9796** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.2376, 49.8462, 46.2992**, and the grayscale version is **60.5537, 63.7072, 69.3772**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **29.1464, 35.2381, 43.7935** is the 20% darker color. If you saturate the color by 10%, you get **52.8081, 64.8703, 81.6906**, and if you desaturate by 10%, it is **63.2758, 70.9462, 82.3116**.

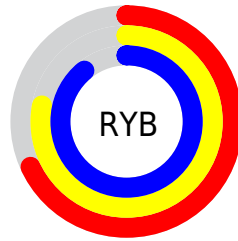
Distribution



Red (68%)

Green (88%)

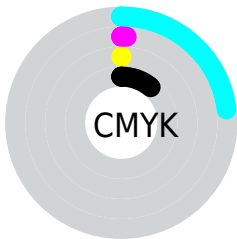
Blue (89%)



Red (68%)

Yellow (78%)

Blue (89%)

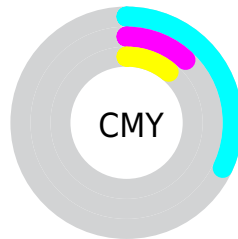


Cyan (23%)

Magenta (1%)

Yellow (0%)

Black (11%)



Cyan (32%)

Magenta (12%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6167, 67.6865, 81.9796 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 57.6167, 67.6865, 81.9796 by changing the saturation by 10% instead.

■ 57.6167, 67.6865,
81.9796

■ 57.6167, 67.6865,
81.9796

405.7331,
452.3845, 521.4611

■ 41.7426, 49.6427,
60.8130

■ 100.4907,
115.9035, 137.9818

■ 29.0901, 35.1296,
43.6447

128.2213,
146.8456, 173.6545

■ 19.2936, 23.7627,
30.0561

160.6348,
182.8559, 214.9997

■ 11.9879, 15.1577,
19.6288

198.0965,
224.3188, 262.4358

■ 6.8076, 8.9301,
11.9441

240.9718,
271.6187, 316.3815

■ 3.3873, 4.6956,
6.5836

289.6262,

■ 1.3617, 2.0698,

325.1400, 377.2552

3.1286

344.4248,
385.2672, 445.4756

■ 0.2287, 0.6476,
1.1607

■ 0.0000, 0.0000,
0.0000

■ 57.6167, 67.6865,
81.9796

■ 57.6167, 67.6865,
81.9796

■ 52.8081, 64.8703,
81.6906

■ 63.2758, 70.9462,
82.3116

■ 48.8014, 62.4675,
81.4380

■ 69.8188, 74.6617,
82.6839

■ 45.5524, 60.4571,
81.2212

■ 77.2849, 78.8547,
83.0998

■ 43.0103, 58.8127,
81.0377

■ 82.5493, 81.9144,
83.4129

41.1178, 57.5049,
80.8851

82.7834, 82.3825,
83.4909

39.8091, 56.4997,
80.7600

83.0187, 82.8530,
83.5693

39.0039, 55.7559,
80.6589

83.2551, 83.3258,
83.6481

38.6657, 55.3671,
80.6017

83.4926, 83.8009,
83.7273

83.7313, 84.2784,
83.8069

Harmonies

Analogous

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



57.1890, 67.6865, 70.6847



57.6167, 67.6865, 81.9796



59.8068, 67.6865, 91.9154

Triad

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



57.6167, 67.6865, 81.9796



70.4145, 67.6865, 87.7952



65.4071, 67.6865, 54.4092

Complementary

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



57.6167, 67.6865, 81.9796



54.2376, 49.8462, 46.2992

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.



69.0841, 67.6865, 58.0642



57.6167, 67.6865, 81.9796



72.0506, 67.6865, 76.7979

Square

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



57.6167, 67.6865, 81.9796



67.1638, 67.6865, 95.5023



71.5541, 67.6865, 65.9958



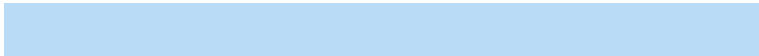
61.5848, 67.6865, 55.4958

Rectangle

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



57.6167, 67.6865, 81.9796



62.0216, 67.6865, 96.0592



71.5541, 67.6865, 65.9958



66.7032, 67.6865, 55.1096

Sweetspot

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



57.6187, 67.6893, 81.9811



88.5709, 96.3419, 108.5354



52.1462, 66.3642, 50.4999



18.8443, 20.5567, 23.2246



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.



57.6187, 67.6893, 81.9811



72.6291, 87.1763, 107.6065



51.0955, 54.6430, 79.8068



14.0700, 15.4791, 17.6339



22.0790, 31.6275, 45.9894



1.5444, 2.2202, 3.1924

Inverse Universe

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



59.7637, 51.4392, 77.3030



75.9173, 62.4229, 100.4002



59.8570, 61.0850, 48.1723



14.2715, 13.9263, 17.2001



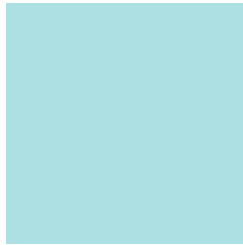
25.0847, 12.1009, 38.7071



1.7458, 0.8416, 2.7202

Previews

White Background



This preview shows how the XYZ color 57.6167, 67.6865, 81.9796 looks on a white background.

Color Contrast Check

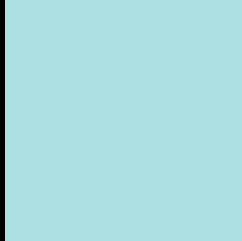
Large Text (above 18pt) WCAG AA × Fail

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 57.6167, 67.6865, 81.9796 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

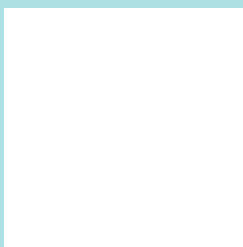
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6167, 67.6865, 81.9796

Background



This preview shows how black text looks on a background with the XYZ color 57.6167, 67.6865, 81.9796.

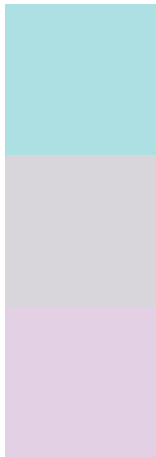


This preview shows how white text looks on a background with the XYZ color 57.6167, 67.6865,

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

57.6167, 67.6865, 81.9796

Protanopia

64.8993, 67.3019, 76.5878

Deuteranopia

68.6936, 67.2629, 83.4912



Tritanopia

59.7539, 67.7639, 92.3685

Trichromacy



Original Color

57.6167, 67.6865, 81.9796

Protanomaly

61.8171, 67.1790, 78.8160

Deuteranomaly

64.0626, 67.1045, 82.9748

Tritanomaly

59.0623, 67.8875, 88.5879

Monochromacy



Original Color

57.6167, 67.6865, 81.9796

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.0773, 64.7352, 73.6714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6167, 67.6865, 81.9796 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, 224, 226)` looks like.

```
.text, #text, p{  
    color:rgb(173, 224, 226)  
}
```

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, 224, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 224, 226) }
```

Border

The CSS property to change the border of an element to XYZ 57.6167, 67.6865, 81.9796 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, 224, 226) }
```


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

```
.border{ border-color:rgb(173, 224, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 224, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 224, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 224, 226);  
box-shadow:4px 4px 4px 4px rgb(173, 224,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6167, 67.6865, 81.9796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 224, 226) }
```

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

```
.background{ background-color: rgb(173,  
224, 226) }
```

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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