

Converting Colors

XYZ(57.3348, 67.4263, 79.6361)

Have a look what the booklet for
XYZ(57.3348, 67.4263, 79.6361)
contains.

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Color

**XYZ(57.4305, 67.6377,
79.8405)**

Conversions

Conversions Part 1

Format	Color
Hex	AEE0DF
RGB	174, 224, 223
RGB Percent	68%, 88%, 87%
CMY	0.3176, 0.1216, 0.1255
CMYK	0.22, 0.00, 0.00, 0.12
HSL	179°, 45%, 78%
HSV	179°, 22%, 88%
XYZ	57.4305, 67.6377, 79.8405
YIQ	208.9360, -29.4790, -10.9110

Conversions

Conversions Part 2

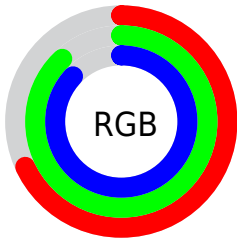
Format	Color
RYB	174, 199, 224
Decimal	11460831
CIELab	85.82, -16.20, -4.79
CIELCh	86, 16.889, 196.478
Yxy	67.6377, 0.2803, 0.3301
Android (android.graphics.Color)	4289650911 (0xFFAEE0DF)
YUV	208.9360, 6.9336, -30.6389
Hunter-Lab	82.2421, -19.2754, 0.0109

Details

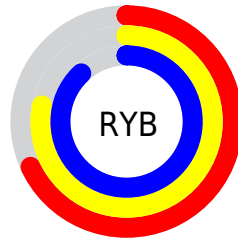
The XYZ color **57.4305, 67.6377, 79.8405** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.6168, 49.2164, 47.2341**, and the grayscale version is **60.5342, 63.6867, 69.3548**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **29.0016, 35.1962, 42.3108** is the 20% darker color. If you saturate the color by 10%, you get **52.7904, 65.2544, 79.3090**, and if you desaturate by 10%, it is **62.9069, 70.4556, 80.4149**.

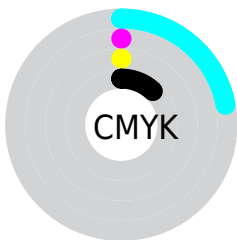
Distribution



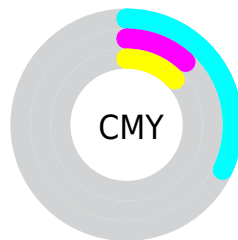
- Red (68%)
- Green (88%)
- Blue (87%)



- Red (68%)
- Yellow (78%)
- Blue (88%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (32%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4305, 67.6377, 79.8405 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 57.4305, 67.6377, 79.8405 by changing the saturation by 10% instead.

■ 57.4305, 67.6377,
79.8405

■ 57.4305, 67.6377,
79.8405

405.0486,
452.2113, 514.0877

■ 41.5925, 49.6030,
59.0617

■ 100.2208,
115.8337, 134.9508

■ 28.9720, 35.0981,
42.2425

127.9038,
146.7638, 170.1195

■ 19.2038, 23.7384,
28.9642

160.2658,
182.7612, 210.9218

■ 11.9225, 15.1397,
18.8084

197.6722,
224.2103, 257.7763

■ 6.7628, 8.9175,
11.3565

240.4883,
271.4955, 311.1017

■ 3.3592, 4.6874,
6.1900

289.0795,

■ 1.3464, 2.0650,

325.0011, 371.3163

2.8903

343.8112,
385.1116, 438.8388

■ 0.2176, 0.6449,
1.0389

■ 0.0000, 0.0000,
0.0000

■ 57.4305, 67.6377,
79.8405

■ 57.4305, 67.6377,
79.8405

■ 52.7904, 65.2544,
79.3090

■ 62.9069, 70.4556,
80.4149

■ 48.9394, 63.2761,
78.8137

■ 69.2522, 73.7197,
81.0294

■ 45.8348, 61.6826,
78.3543

■ 76.5041, 77.4512,
81.6871

■ 43.4274, 60.4484,
77.9283

■ 81.4600, 79.9990,
82.2382

41.6620, 59.5453,
77.5332

81.5213, 80.0235,
82.5611

40.4753, 58.9404,
77.1660

81.5828, 80.0481,
82.8849

39.7909, 58.5944,
76.8232

81.6444, 80.0727,
83.2095

39.5105, 58.4552,
76.5720

81.7063, 80.0975,
83.5349

81.7682, 80.1222,
83.8612

Harmonies

Analogous

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



57.3387, 67.6377, 68.7873



57.4305, 67.6377, 79.8405



59.3113, 67.6377, 90.1574

Triad

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



57.4305, 67.6377, 79.8405



69.8204, 67.6377, 89.2732



66.0385, 67.6377, 54.8538

Complementary

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



57.4305, 67.6377, 79.8405



53.6168, 49.2164, 47.2341

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.



69.5348, 67.6377, 59.2846



57.4305, 67.6377, 79.8405



71.7765, 67.6377, 78.7282

Square

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



57.4305, 67.6377, 79.8405



66.4157, 67.6377, 95.9649



71.6699, 67.6377, 67.7804



62.2055, 67.6377, 55.0872

Rectangle

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



57.4305, 67.6377, 79.8405



61.3710, 67.6377, 94.9033



71.6699, 67.6377, 67.7804



67.2952, 67.6377, 55.8265

Sweetspot

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



57.4325, 67.6405, 79.8420



88.7276, 96.7473, 108.3035



52.1269, 65.5614, 49.9529



18.8807, 20.6510, 23.1707



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.



57.4325, 67.6405, 79.8420



73.8746, 89.1093, 106.7526



51.7211, 56.0007, 78.6074



14.1041, 15.5674, 17.5834



23.0024, 34.0258, 44.5973



1.5982, 2.3600, 3.1115

Inverse Universe

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



53.6168, 49.2164, 47.2341



67.8571, 60.0517, 55.3270



58.4249, 58.9897, 48.3525



13.7183, 13.7050, 14.2869



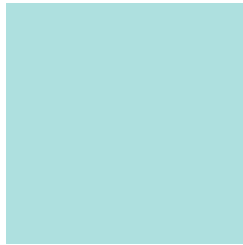
17.9125, 9.2320, 0.9392



1.2456, 0.6415, 0.0861

Previews

White Background



This preview shows how the XYZ color 57.4305, 67.6377, 79.8405 looks on a white background.

Color Contrast Check

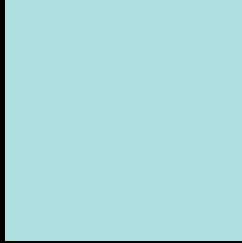
Large Text (above 18pt) WCAG AA × Fail

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 57.4305, 67.6377, 79.8405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

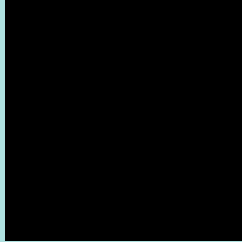
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

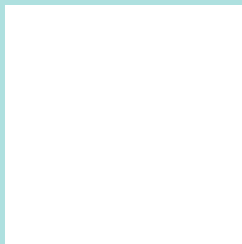
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4305, 67.6377, 79.8405

Background



This preview shows how black text looks on a background with the XYZ color 57.4305, 67.6377, 79.8405.

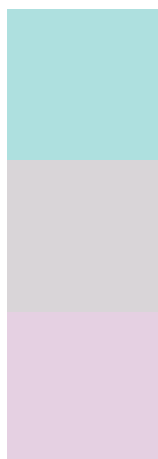


This preview shows how white text looks on a background with the XYZ color 57.4305, 67.6377,

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

57.4305, 67.6377, 79.8405

Protanopia

64.8042, 67.2981, 74.5400

Deuteranopia

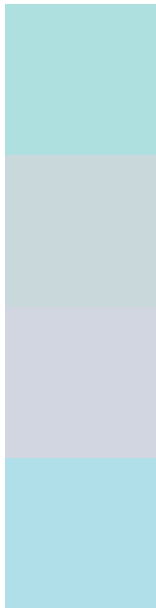
68.5964, 67.2608, 81.3187



Tritanopia

59.8327, 67.8217, 91.5987

Trichromacy



Original Color

57.4305, 67.6377, 79.8405

Protanomaly

61.6864, 67.1577, 76.7293

Deuteranomaly

63.9317, 67.0847, 80.8132

Tritanomaly

59.0002, 67.8887, 87.0850

Monochromacy



Original Color

57.4305, 67.6377, 79.8405

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.9491, 64.6839, 72.9966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4305, 67.6377, 79.8405 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(174, 224, 223)` looks like.

```
.text, #text, p{  
    color:rgb(174, 224, 223)  
}
```

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(174, 224, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 224, 223) }
```

Border

The CSS property to change the border of an element to XYZ 57.4305, 67.6377, 79.8405 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(174, 224, 223) }
```


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

```
.border{ border-color:rgb(174, 224, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 224, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 224, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 224, 223);  
box-shadow:4px 4px 4px 4px rgb(174, 224,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4305, 67.6377, 79.8405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 224, 223) }
```

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

```
.background{ background-color: rgb(174,  
224, 223) }
```

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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