

Converting Colors

XYZ(57.3927, 69.7302, 76.3559)

Have a look what the booklet for
XYZ(57.3927, 69.7302, 76.3559)
contains.

XYZ(57.3383, 69.7063, 76.0783)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.3383, 69.7063,
76.0783)**

Conversions

Conversions Part 1

Format	Color
Hex	ABE5D9
RGB	171, 229, 217
RGB Percent	67%, 90%, 85%
CMY	0.3294, 0.1019, 0.1490
CMYK	0.25, 0.00, 0.05, 0.10
HSL	168°, 53%, 78%
HSV	168°, 25%, 90%
XYZ	57.3383, 69.7063, 76.0783
YIQ	210.2900, -30.7160, -16.0280

Conversions

Conversions Part 2

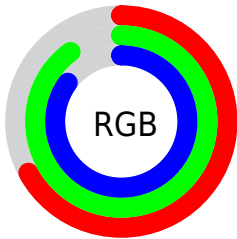
Format	Color
RYB	171, 203, 229
Decimal	11265497
CIELab	86.85, -20.85, -0.14
CIELCh	87, 20.851, 180.385
Yxy	69.7063, 0.2823, 0.3432
Android (android.graphics.Color)	4289455577 (0xFFABE5D9)
YUV	210.2900, 3.3080, -34.4573
Hunter-Lab	83.4903, -23.5203, 4.4168

Details

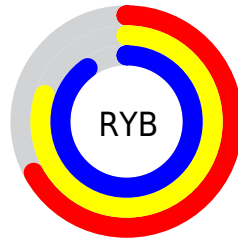
The XYZ color **57.3383, 69.7063, 76.0783** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.4257, 49.2046, 51.3788**, and the grayscale version is **61.4441, 64.6439, 70.3972**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **28.8013, 36.2777, 39.6667** is the 20% darker color. If you saturate the color by 10%, you get **52.1686, 67.1133, 72.6659**, and if you desaturate by 10%, it is **63.3939, 72.7576, 79.6276**.

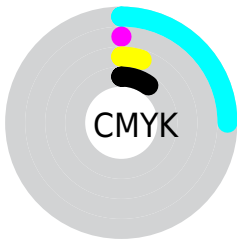
Distribution



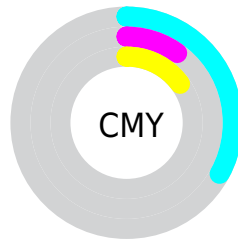
- Red (67%)
- Green (90%)
- Blue (85%)



- Red (67%)
- Yellow (80%)
- Blue (90%)



- Cyan (25%)
- Magenta (0%)
- Yellow (5%)
- Black (10%)



- Cyan (33%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3383, 69.7063, 76.0783 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 57.3383, 69.7063, 76.0783 by changing the saturation by 10% instead.

■ 57.3383, 69.7063,
76.0783

■ 57.3383, 69.7063,
76.0783

404.7095,
459.5181, 500.9697

■ 41.5181, 51.2871,
55.9897

■ 100.0872,
118.7898, 129.5987

■ 28.9136, 36.4372,
39.7907

127.7465,
150.2230, 163.8675

■ 19.1594, 24.7720,
27.0629

160.0830,
186.7629, 203.7002

■ 11.8902, 15.9073,
17.3876

197.4620,
228.7940, 249.5152

■ 6.7406, 9.4586,
10.3463

240.2487,
276.7007, 301.7311

■ 3.3453, 5.0415,
5.5206

288.8087,

■ 1.3389, 2.2716,

330.8673, 360.7665

2.4918

343.5071,
391.6783, 427.0398

■ 0.2120, 0.7586,
0.8358

■ 0.0000, 0.0000,
0.0000

■ 57.3383, 69.7063,
76.0783

■ 57.3383, 69.7063,
76.0783

■ 52.1686, 67.1133,
72.6659

■ 63.3939, 72.7576,
79.6276

■ 47.8341, 64.9469,
69.3827


■ 70.3708, 76.2801,
83.3116


■ 44.2881, 63.1851,
66.2273


■ 78.3100, 80.2965,
87.1346


■ 41.4768, 61.7999,
63.1964


■ 84.3947, 83.3548,
90.9655

 39.3395, 60.7603,
60.2863


 85.0924, 83.6339,
94.6397


 37.8056, 60.0298,
57.4930


 85.8086, 83.9203,
98.4108

 36.7884, 59.5637,
54.8115

 86.5432, 84.2142,
102.2795

 36.4243, 59.4026,
53.5937

 87.2966, 84.5155,
106.2467

 87.3106, 84.5211,
106.3202

Harmonies

Analogous

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



58.4543, 69.7063, 63.4216



57.3383, 69.7063, 76.0783



58.5121, 69.7063, 90.2617

Triad

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



57.3383, 69.7063, 76.0783



71.0956, 69.7063, 101.4160



70.9817, 69.7063, 54.9209

Complementary

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



57.3383, 69.7063, 76.0783



55.4257, 49.2046, 51.3788

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.



74.6498, 69.7063, 63.1457



57.3383, 69.7063, 76.0783



74.7178, 69.7063, 89.9125

Square

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



57.3383, 69.7063, 76.0783



66.3166, 69.7063, 105.9423



76.0485, 69.7063, 75.7186



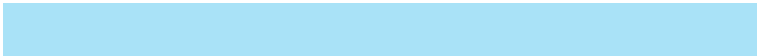
66.1910, 69.7063, 52.1503

Rectangle

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



57.3383, 69.7063, 76.0783



60.4699, 69.7063, 98.4475



76.0485, 69.7063, 75.7186



72.3951, 69.7063, 57.0855

Sweetspot

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



57.3403, 69.7092, 76.0799



87.2667, 96.0652, 105.0268



55.0357, 69.1187, 48.9699



18.3843, 20.4133, 22.3269



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.



57.3403, 69.7092, 76.0799



69.8401, 87.2862, 94.9595



54.6250, 61.6884, 83.1600



14.6730, 16.2826, 17.8086



20.8697, 33.9800, 30.8779



1.5745, 2.5239, 2.4517

Inverse Universe

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



55.4257, 49.2046, 51.3788



67.0349, 57.2100, 58.7434



57.5285, 55.3252, 46.1761



14.4984, 14.4165, 15.5588



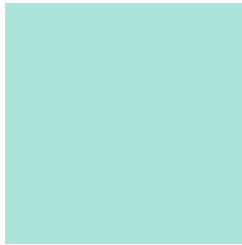
18.8080, 9.6574, 2.6180



1.4231, 0.7269, 0.3685

Previews

White Background



This preview shows how the XYZ color 57.3383, 69.7063, 76.0783 looks on a white background.

Color Contrast Check

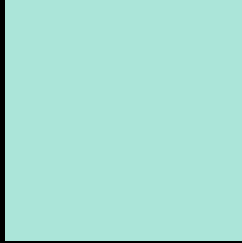
Large Text (above 18pt) WCAG AA × Fail

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 57.3383, 69.7063, 76.0783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

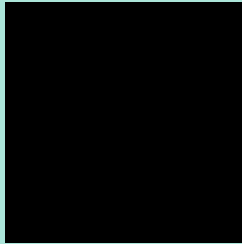
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

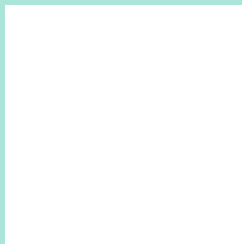
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3383, 69.7063, 76.0783

Background



This preview shows how black text looks on a background with the XYZ color 57.3383, 69.7063, 76.0783.

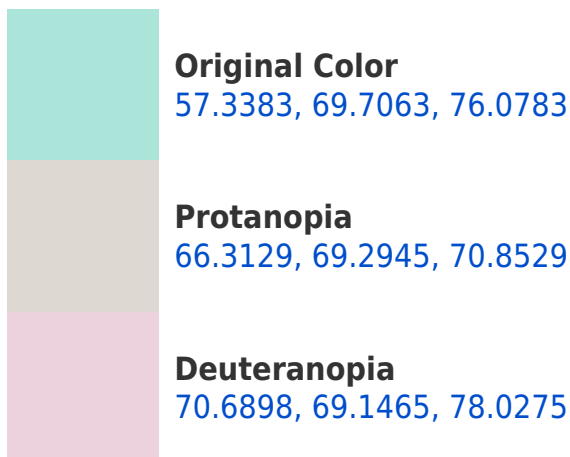


This preview shows how white text looks on a background with the XYZ color 57.3383, 69.7063,

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

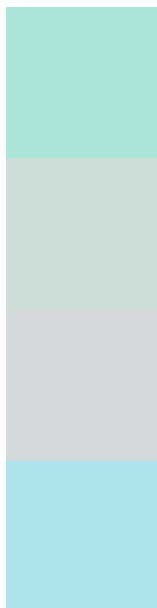




Tritanopia

61.0074, 69.5516, 95.0034

Trichromacy



Original Color

57.3383, 69.7063, 76.0783

Protanomaly

62.4953, 69.2135, 73.0165

Deuteranomaly

64.8825, 68.7901, 77.5683

Tritanomaly

59.5032, 69.3319, 88.0881

Monochromacy



Original Color

57.3383, 69.7063, 76.0783

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.5880, 66.1656, 72.5814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3383, 69.7063, 76.0783 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(171, 229, 217)` looks like.

```
.text, #text, p{  
    color:rgb(171, 229, 217)  
}
```

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(171, 229, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 229, 217) }
```

Border

The CSS property to change the border of an element to XYZ 57.3383, 69.7063, 76.0783 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(171, 229, 217) }
```


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

```
.border{ border-color:rgb(171, 229, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 229, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 229, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 229, 217);  
box-shadow:4px 4px 4px 4px rgb(171, 229,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3383, 69.7063, 76.0783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 229, 217) }
```

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

```
.background{ background-color: rgb(171,  
229, 217) }
```

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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