

Converting Colors

XYZ(57.0408, 67.4055, 81.2383)

Have a look what the booklet for
XYZ(57.0408, 67.4055, 81.2383)
contains.

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Color

**XYZ(57.0408, 67.4055,
81.2383)**

Conversions

Conversions Part 1

Format	Color
Hex	ABE0E1
RGB	171, 224, 225
RGB Percent	67%, 88%, 88%
CMY	0.3294, 0.1216, 0.1176
CMYK	0.24, 0.00, 0.00, 0.12
HSL	181°, 47%, 78%
HSV	181°, 24%, 88%
XYZ	57.0408, 67.4055, 81.2383
YIQ	208.2670, -31.9090, -10.9250

Conversions

Conversions Part 2

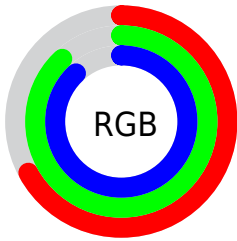
Format	Color
RYB	171, 198, 225
Decimal	11264225
CIELab	85.71, -16.65, -6.04
CIELCh	86, 17.711, 199.932
Yxy	67.4055, 0.2773, 0.3277
Android (android.graphics.Color)	4289454305 (0xFFABE0E1)
YUV	208.2670, 8.2494, -32.6832
Hunter-Lab	82.1009, -19.6609, -1.1965

Details

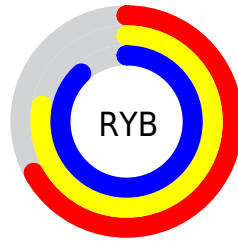
The XYZ color **57.0408, 67.4055, 81.2383** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.1551, 48.4529, 45.0800**, and the grayscale version is **60.0919, 63.2214, 68.8481**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **28.7798, 35.0601, 43.2806** is the 20% darker color. If you saturate the color by 10%, you get **52.4399, 64.8698, 80.9925**, and if you desaturate by 10%, it is **62.4801, 70.3772, 81.5263**.

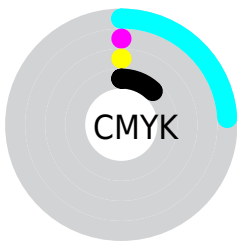
Distribution



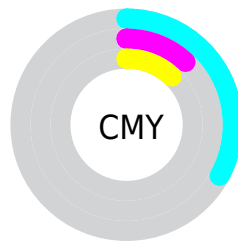
- Red (67%)
- Green (88%)
- Blue (88%)



- Red (67%)
- Yellow (78%)
- Blue (88%)



- Cyan (24%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (33%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0408, 67.4055, 81.2383 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 57.0408, 67.4055, 81.2383 by changing the saturation by 10% instead.

■ 57.0408, 67.4055,
81.2383

■ 57.0408, 67.4055,
81.2383

403.6139,
451.3868, 518.9127

■ 41.2783, 49.4142,
60.2057

■ 99.6557, 115.5013,
136.9324

■ 28.7252, 34.9482,
43.1581

127.2388,
146.3745, 172.4310

■ 19.0163, 23.6230,
29.6769

159.4929,
182.3106, 213.5887

■ 11.7861, 15.0542,
19.3435

196.7831,
223.6939, 260.8241

■ 6.6694, 8.8574,
11.7394

239.4750,
270.9088, 314.5556

■ 3.3007, 4.6483,
6.4461

287.9339,

■ 1.3147, 2.0424,

324.3396, 375.2019

3.0451

342.5250,
384.3708, 443.1814

■ 0.1942, 0.6319,
1.1177

■ 0.0000, 0.0000,
0.0000

■ 57.0408, 67.4055,
81.2383

■ 57.0408, 67.4055,
81.2383

■ 52.4399, 64.8698,
80.9925

■ 62.4801, 70.3772,
81.5263

■ 48.6294, 62.7403,
80.7823

■ 68.7912, 73.7971,
81.8538

■ 45.5652, 60.9959,
80.6071

■ 76.0128, 77.6867,
82.2239

■ 43.1967, 59.6106,
80.4645

■ 81.9365, 80.9076,
82.5334

41.4670, 58.5550,
80.3519

82.0494, 81.1334,
82.5711

40.3103, 57.7951,
80.2662

82.1625, 81.3597,
82.6088

39.6462, 57.2897,
80.2037

82.2759, 81.5866,
82.6466

39.4070, 57.0686,
80.1736

82.3896, 81.8140,
82.6845

82.5036, 82.0420,
82.7225

Harmonies

Analogous

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



56.7216, 67.4055, 69.5737



57.0408, 67.4055, 81.2383



59.1975, 67.4055, 91.7610

Triad

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



57.0408, 67.4055, 81.2383



70.1949, 67.4055, 88.6587



65.4340, 67.4055, 53.6025

Complementary

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



57.0408, 67.4055, 81.2383



53.1551, 48.4529, 45.0800

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.



69.1963, 67.4055, 57.6561



57.0408, 67.4055, 81.2383



72.0205, 67.4055, 77.3498

Square

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



57.0408, 67.4055, 81.2383



66.7506, 67.4055, 96.3472



71.6475, 67.4055, 66.0700



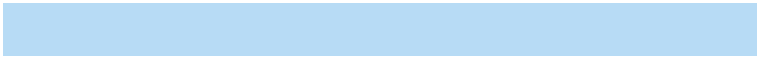
61.4561, 67.4055, 54.4092

Rectangle

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



57.0408, 67.4055, 81.2383



61.4392, 67.4055, 96.3256



71.6475, 67.4055, 66.0700



66.7685, 67.4055, 54.4239

Sweetspot

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



57.0428, 67.4082, 81.2398



88.6801, 96.5603, 108.5718



51.1577, 65.4842, 48.9240



18.8696, 20.6075, 23.2331



0.0000, 0.0000, 0.0000



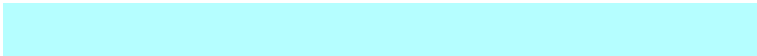
20.3446, 21.4041, 23.3091

Same Dimension

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



57.0428, 67.4082, 81.2398



72.4438, 87.7018, 107.7177



50.3753, 54.0733, 79.0173



14.0938, 15.5266, 17.6418



22.7179, 32.9054, 46.2024



1.5817, 2.2949, 3.2048

Inverse Universe

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



59.0703, 50.5166, 77.1615



75.6050, 61.4605, 101.3377



58.8036, 59.7499, 46.9629



14.2835, 13.9310, 17.2633



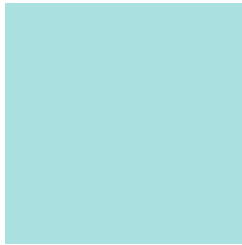
25.4072, 12.2299, 40.4054



1.7646, 0.8491, 2.8193

Previews

White Background



This preview shows how the XYZ color 57.0408, 67.4055, 81.2383 looks on a white background.

Color Contrast Check

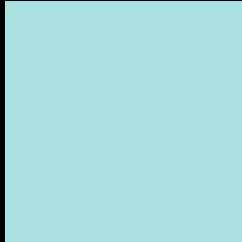
Large Text (above 18pt) WCAG AA × Fail

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 57.0408, 67.4055, 81.2383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

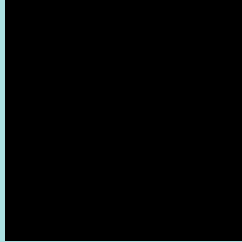
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0408, 67.4055, 81.2383

Background



This preview shows how black text looks on a background with the XYZ color 57.0408, 67.4055, 81.2383.

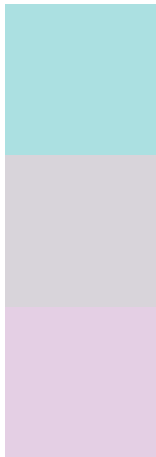


This preview shows how white text looks on a background with the XYZ color 57.0408, 67.4055,

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

57.0408, 67.4055, 81.2383

Protanopia

64.5173, 66.7479, 75.8129

Deuteranopia

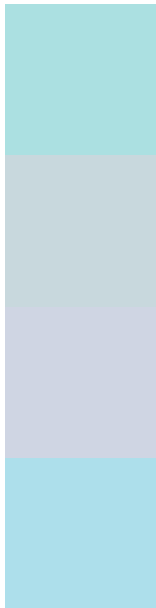
68.3113, 66.7211, 82.6768



Tritanopia

59.3050, 67.5325, 92.3474

Trichromacy



Original Color

57.0408, 67.4055, 81.2383

Protanomaly

61.4264, 66.6116, 78.0264

Deuteranomaly

63.3915, 66.3999, 82.1484

Tritanomaly

58.6167, 67.6577, 88.5671

Monochromacy



Original Color

57.0408, 67.4055, 81.2383

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.6898, 64.5503, 72.9845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0408, 67.4055, 81.2383 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, 224, 225)` looks like.

```
.text, #text, p{  
    color:rgb(171, 224, 225)  
}
```

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, 224, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 224, 225) }
```

Border

The CSS property to change the border of an element to XYZ 57.0408, 67.4055, 81.2383 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, 224, 225) }
```


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

```
.border{ border-color:rgb(171, 224, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 224, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 224, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 224, 225); box-shadow:4px 4px 4px 4px rgb(171, 224, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0408, 67.4055, 81.2383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 224, 225) }
```

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

```
.background{ background-color: rgb(171,  
224, 225) }
```

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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