

Converting Colors

XYZ(57.3860, 68.8236, 84.5334)

Have a look what the booklet for
XYZ(57.3860, 68.8236, 84.5334)
contains.

XYZ(57.3378, 68.7023, 84.3676)	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(57.3378, 68.7023,
84.3676)**

Conversions

Conversions Part 1

Format	Color
Hex	A6E3E5
RGB	166, 227, 229
RGB Percent	65%, 89%, 90%
CMY	0.3490, 0.1098, 0.1020
CMYK	0.28, 0.01, 0.00, 0.10
HSL	182°, 55%, 77%
HSV	182°, 28%, 90%
XYZ	57.3378, 68.7023, 84.3676
YIQ	208.9890, -36.9980, -12.3100

Conversions

Conversions Part 2

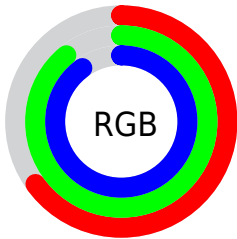
Format	Color
R_{YB}	166, 197, 229
Decimal	10937317
CIE _{Lab}	86.36, -18.71, -7.22
CIE _{LCh}	86, 20.058, 201.099
Yxy	68.7023, 0.2725, 0.3265
Android (android.graphics.Color)	4289127397 (0xFFA6E3E5)
YUV	208.9890, 9.8654, -37.7014
Hunter-Lab	82.8869, -21.5728, -2.3284

Details

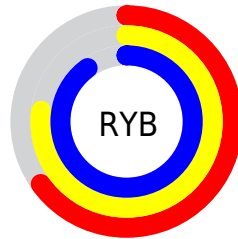
The XYZ color **57.3378, 68.7023, 84.3676** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.1994, 47.4168, 42.4262**, and the grayscale version is **60.5537, 63.7073, 69.3772**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **29.0746, 36.0058, 45.4618** is the 20% darker color. If you saturate the color by 10%, you get **52.7607, 66.0503, 84.0981**, and if you desaturate by 10%, it is **62.7745, 71.8022, 84.6805**.

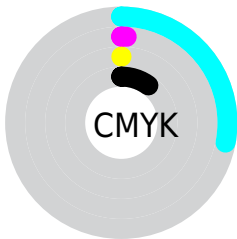
Distribution



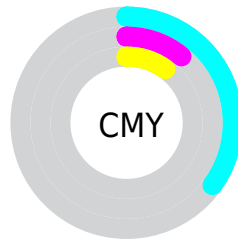
- Red (65%)
- Green (89%)
- Blue (90%)



- Red (65%)
- Yellow (77%)
- Blue (90%)



- Cyan (28%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)





- Cyan (35%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3378, 68.7023, 84.3676 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 57.3378, 68.7023, 84.3676 by changing the saturation by 10% instead.


 57.3378, 68.7023,
84.3676

 57.3378, 68.7023,
84.3676


404.7076,
455.9803, 529.6231

 41.5177, 50.4693,
62.7718


 100.0864,
117.3563, 141.3556

 28.9133, 35.7864,
45.2168


 127.7457,
148.5460, 177.5849

 19.1592, 24.2693,
31.2841


160.0820,
184.8235, 219.5291

 11.8900, 15.5335,
20.5550

197.4608,
226.5731, 267.6068

 6.7405, 9.1947,
12.6110

240.2474,
274.1791, 322.2365

 3.3452, 4.8684,
7.0337

288.8072,

 1.3389, 2.1702,

328.0261, 383.8368

3.4044

343.5055,
388.4984, 452.8261

■ 0.2120, 0.7037,
1.3047

■ 0.0000, 0.0000,
0.0656

■ 57.3378, 68.7023,
84.3676

■ 57.3378, 68.7023,
84.3676

■ 52.7607, 66.0503,
84.0981

■ 62.7745, 71.8022,
84.6805

■ 48.9917, 63.8144,
83.8652

■ 69.1068, 75.3633,
85.0341

■ 45.9834, 61.9718,
83.6681

■ 76.3759, 79.4085,
85.4318

■ 43.6808, 60.4944,
83.5043

■ 83.6544, 83.4599,
85.8302

■ 42.0216, 59.3498,
83.3708

■ 83.8567, 83.8646,
85.8977

■ 40.9324, 58.5003,
83.2642

■ 84.0600, 84.2710,
85.9654

■ 40.3151, 57.8953,
83.1800

■ 84.2640, 84.6791,
86.0334

■ 40.1958, 57.7626,
83.1607

■ 84.4689, 85.0889,
86.1017

■ 84.6746, 85.5003,
86.1703

Harmonies

Analogous

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



56.8899, 68.7023, 70.9273



57.3378, 68.7023, 84.3676



59.8647, 68.7023, 96.4626

Triad

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



57.3378, 68.7023, 84.3676



72.4786, 68.7023, 91.9933



66.6873, 68.7023, 52.3294

Complementary

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



57.3378, 68.7023, 84.3676



53.1994, 47.4168, 42.4262

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.



71.0536, 68.7023, 56.6592



57.3378, 68.7023, 84.3676



74.4995, 68.7023, 78.8217

Square

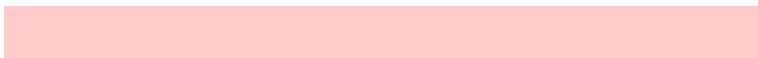
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.3378, 68.7023, 84.3676



68.5582, 68.7023, 101.2144



73.9660, 68.7023, 65.9940



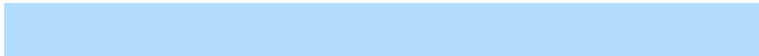
62.1457, 68.7023, 53.4426

Rectangle

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



57.3378, 68.7023, 84.3676



62.4567, 68.7023, 101.6242



73.9660, 68.7023, 65.9940



68.2273, 68.7023, 53.1757

Sweetspot

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



57.3398, 68.7051, 84.3692



87.7330, 95.9222, 108.4986



50.7261, 66.9388, 46.8317



18.5026, 20.3768, 23.2079



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.



57.3398, 68.7051, 84.3692



69.7268, 85.6907, 107.4727



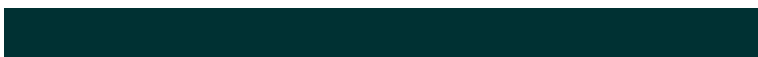
49.7116, 53.4487, 81.8264



14.7662, 16.2539, 18.5034



22.9993, 33.0607, 47.5523



1.7119, 2.4678, 3.5181

Inverse Universe

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



59.8161, 49.4780, 79.0737



73.3980, 57.3785, 99.5784



59.5173, 60.0526, 44.5321



14.9743, 14.6069, 18.0653



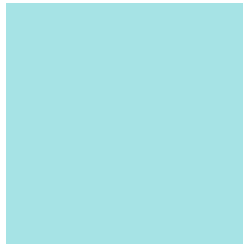
26.0025, 12.5352, 40.5036



1.9277, 0.9288, 3.0260

Previews

White Background



This preview shows how the XYZ color 57.3378, 68.7023, 84.3676 looks on a white background.

Color Contrast Check

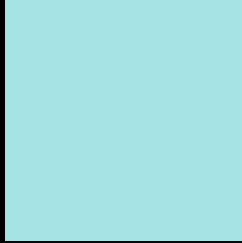
Large Text (above 18pt) WCAG AA × Fail

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 57.3378, 68.7023, 84.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

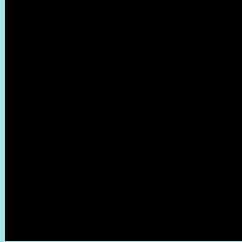
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3378, 68.7023, 84.3676

Background



This preview shows how black text looks on a background with the XYZ color 57.3378, 68.7023, 84.3676.



This preview shows how white text looks on a background with the XYZ color 57.3378, 68.7023,

84.3676.

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

57.3378, 68.7023, 84.3676

Protanopia

65.7130, 68.0653, 78.0811

Deuteranopia

69.5034, 67.9781, 86.5487



Tritanopia

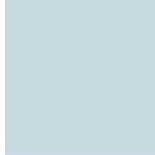
59.4651, 68.7565, 94.9312

Trichromacy



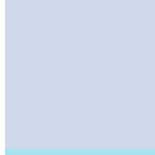
Original Color

57.3378, 68.7023, 84.3676



Protanomaly

62.0748, 68.0506, 80.3844



Deuteranomaly

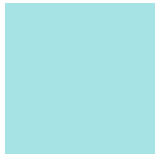
64.2982, 67.9171, 86.0644



Tritanomaly

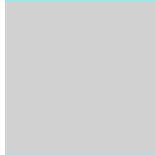
58.7774, 68.8906, 91.0882

Monochromacy



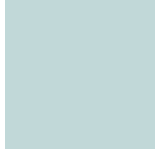
Original Color

57.3378, 68.7023, 84.3676



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

58.9429, 65.4071, 74.4840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3378, 68.7023, 84.3676 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(166, 227, 229)` looks like.

```
.text, #text, p{  
    color:rgb(166, 227, 229)  
}
```

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(166, 227, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 227, 229) }
```

Border

The CSS property to change the border of an element to XYZ 57.3378, 68.7023, 84.3676 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(166, 227, 229) }
```


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

```
.border{ border-color:rgb(166, 227, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 227, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 227, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 227, 229);  
box-shadow:4px 4px 4px 4px rgb(166, 227,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3378, 68.7023, 84.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 227, 229) }
```

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

```
.background{ background-color: rgb(166,  
227, 229) }
```

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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