

Converting Colors

XYZ(57.6772, 68.9090, 82.6590)

Have a look what the booklet for
XYZ(57.6772, 68.9090, 82.6590)
contains.

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Color

**XYZ(57.6964, 68.9192,
82.9349)**

Conversions

Conversions Part 1

Format	Color
Hex	A9E3E3
RGB	169, 227, 227
RGB Percent	66%, 89%, 89%
CMY	0.3372, 0.1098, 0.1098
CMYK	0.26, 0.00, 0.00, 0.11
HSL	180°, 51%, 78%
HSV	180°, 26%, 89%
XYZ	57.6964, 68.9192, 82.9349
YIQ	209.6580, -34.5680, -12.2960

Conversions

Conversions Part 2

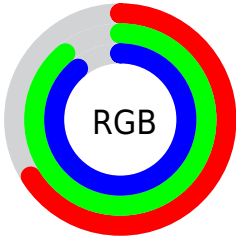
Format	Color
RYB	169, 198, 227
Decimal	11133923
CIELab	86.46, -18.30, -5.99
CIELCh	86, 19.253, 198.123
Yxy	68.9192, 0.2753, 0.3289
Android (android.graphics.Color)	4289324003 (0xFFA9E3E3)
YUV	209.6580, 8.5496, -35.6571
Hunter-Lab	83.0176, -21.2251, -1.1186

Details

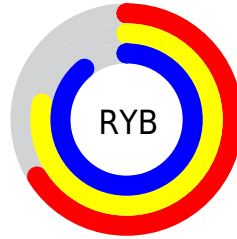
The XYZ color **57.6964, 68.9192, 82.9349** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.0304, 47.5734, 43.9264**, and the grayscale version is **60.9980, 64.1746, 69.8861**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **29.2691, 36.1284, 44.4606** is the 20% darker color. If you saturate the color by 10%, you get **53.2434, 66.6253, 82.7272**, and if you desaturate by 10%, it is **62.9989, 71.6545, 83.1853**.

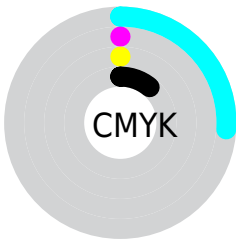
Distribution



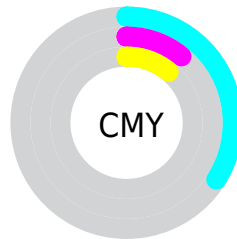
- Red (66%)
- Green (89%)
- Blue (89%)



- Red (66%)
- Yellow (78%)
- Blue (89%)



- Cyan (26%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (34%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6964, 68.9192, 82.9349 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 57.6964, 68.9192, 82.9349 by changing the saturation by 10% instead.

■ 57.6964, 68.9192,
82.9349

■ 57.6964, 68.9192,
82.9349

406.0258,
456.7459, 524.7349

■ 41.8069, 50.6459,
61.5962

■ 100.6061,
117.6662, 139.3327

■ 29.1406, 35.9269,
44.2728

128.3571,
148.9086, 175.2288

■ 19.3320, 24.3777,
30.5462

160.7926,
185.2429, 216.8145

■ 12.0159, 15.6141,
19.9980

198.2780,
227.0535, 264.5082

■ 6.8268, 9.2515,
12.2095

241.1787,
274.7247, 318.7286

■ 3.3994, 4.9056,
6.7623


289.8600,


■ 1.3683, 2.1920,


328.6409, 379.8941


3.2377


344.6872,
389.1865, 448.4234


 0.2335, 0.7156,
1.2172


 0.0000, 0.0000,
0.0000


 57.6964, 68.9192,
82.9349


 57.6964, 68.9192,
82.9349


 53.2434, 66.6253,
82.7272


 62.9989, 71.6545,
83.1853


 49.5901, 64.7420,
82.5555

 69.1854, 74.8437,
83.4756

 46.6910, 63.2475,
82.4191

 76.2959, 78.5093,
83.8091

 44.4934, 62.1146,
82.3155

 82.5762, 81.7469,
84.1037

■ 42.9380, 61.3128,
82.2420

■ 82.5763, 81.7469,
84.1045

■ 41.9556, 60.8064,
82.1952

■ 82.5765, 81.7470,
84.1052

■ 41.4610, 60.5514,
82.1713

■ 82.5766, 81.7471,
84.1060

■ 41.3345, 60.4862,
82.1651

■ 82.5768, 81.7471,
84.1067

■ 82.5769, 81.7472,
84.1075

Harmonies

Analogous

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



57.4747, 68.9192, 70.1043



57.6964, 68.9192, 82.9349



59.9518, 68.9192, 94.8322

Triad

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



57.6964, 68.9192, 82.9349



72.0937, 68.9192, 92.6395



67.2846, 68.9192, 53.5012

Complementary

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



57.6964, 68.9192, 82.9349



53.0304, 47.5734, 43.9264

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.



71.3923, 68.9192, 58.2153



57.6964, 68.9192, 82.9349



74.2519, 68.9192, 80.2048

Square

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



57.6964, 68.9192, 82.9349



68.2068, 68.9192, 100.8577



73.9895, 68.9192, 67.6651



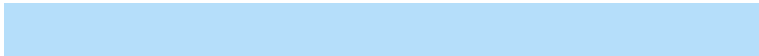
62.8767, 68.9192, 54.0553

Rectangle

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



57.6964, 68.9192, 82.9349



62.3651, 68.9192, 100.1898



73.9895, 68.9192, 67.6651



68.7499, 68.9192, 54.4982

Sweetspot

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



57.6984, 68.9220, 82.9365



87.9389, 96.3341, 108.5664



51.2029, 66.3479, 47.6453



18.5549, 20.4815, 23.2251



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.



57.6984, 68.9220, 82.9365



71.7026, 87.9640, 107.8043



50.6451, 54.8148, 80.5872



14.8075, 16.3364, 18.5170



24.1054, 35.2743, 47.9170



1.7813, 2.6066, 3.5409

Inverse Universe

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



53.0304, 47.5734, 43.9264



64.5874, 55.4238, 48.3440



58.8162, 59.1455, 45.8538



14.3771, 14.3680, 14.9201



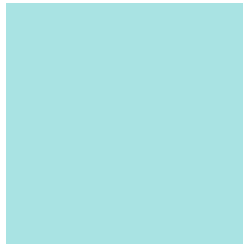
18.4751, 9.5243, 0.8649



1.3653, 0.7038, 0.0640

Previews

White Background



This preview shows how the XYZ color 57.6964, 68.9192, 82.9349 looks on a white background.

Color Contrast Check

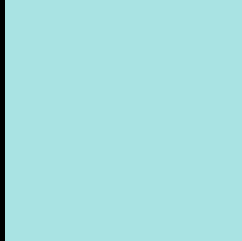
Large Text (above 18pt) WCAG AA × Fail

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 57.6964, 68.9192, 82.9349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

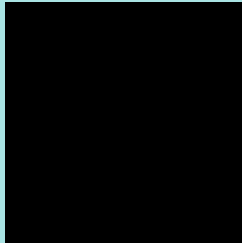
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6964, 68.9192, 82.9349

Background



This preview shows how black text looks on a background with the XYZ color 57.6964, 68.9192, 82.9349.

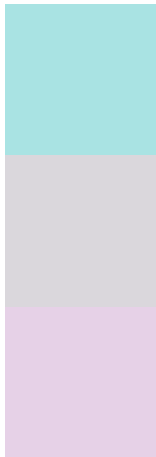


This preview shows how white text looks on a background with the XYZ color 57.6964, 68.9192,

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

57.6964, 68.9192, 82.9349

Protanopia

66.1321, 68.6736, 77.4799

Deuteranopia

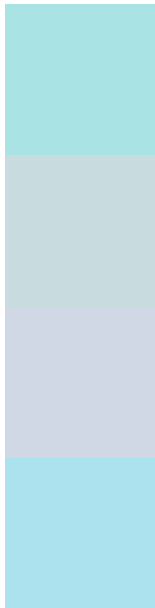
69.8574, 68.1934, 85.0821



Tritanopia

60.1161, 69.0921, 94.9617

Trichromacy



Original Color

57.6964, 68.9192, 82.9349

Protanomaly

62.4702, 68.2701, 79.6970

Deuteranomaly

64.8512, 68.2348, 84.6155

Tritanomaly

59.2770, 69.1651, 90.3467

Monochromacy



Original Color

57.6964, 68.9192, 82.9349

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.4562, 65.6717, 74.5080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6964, 68.9192, 82.9349 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(169, 227, 227)` looks like.

```
.text, #text, p{  
    color:rgb(169, 227, 227)  
}
```

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(169, 227, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 227, 227) }
```

Border

The CSS property to change the border of an element to XYZ 57.6964, 68.9192, 82.9349 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(169, 227, 227) }
```


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

```
.border{ border-color:rgb(169, 227, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 227, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 227, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 227, 227);  
box-shadow:4px 4px 4px 4px rgb(169, 227,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6964, 68.9192, 82.9349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 227, 227) }
```

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

```
.background{ background-color: rgb(169,  
227, 227) }
```

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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