

Converting Colors

XYZ(57.7380, 68.8139, 84.0170)

Have a look what the booklet for
XYZ(57.7380, 68.8139, 84.0170)
contains.

XYZ(57.9741, 69.0303, 84.3974)	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(57.9741, 69.0303,
84.3974)**

Conversions

Conversions Part 1

Format	Color
Hex	A9E3E5
RGB	169, 227, 229
RGB Percent	66%, 89%, 90%
CMY	0.3372, 0.1098, 0.1020
CMYK	0.26, 0.01, 0.00, 0.10
HSL	182°, 54%, 78%
HSV	182°, 26%, 90%
XYZ	57.9741, 69.0303, 84.3974
YIQ	209.8860, -35.2100, -11.6740

Conversions

Conversions Part 2

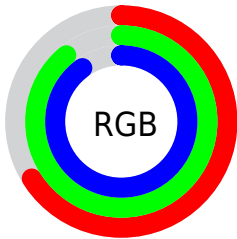
Format	Color
R _Y B	169, 198, 229
Decimal	11133925
CIE Lab	86.52, -17.86, -6.96
CIE LCh	87, 19.166, 201.298
Yxy	69.0303, 0.2742, 0.3265
Android (android.graphics.Color)	4289324005 (0xFFA9E3E5)
YUV	209.8860, 9.4232, -35.8570
Hunter-Lab	83.0845, -20.8454, -2.0678

Details

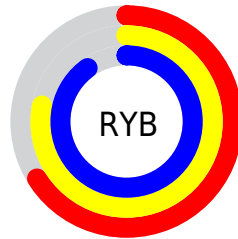
The XYZ color **57.9741, 69.0303, 84.3974** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.0382, 48.6488, 44.0795**, and the grayscale version is **61.1421, 64.3262, 70.0512**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **29.4627, 36.2059, 45.4800** is the 20% darker color. If you saturate the color by 10%, you get **53.2776, 66.3021, 84.1195**, and if you desaturate by 10%, it is **63.5360, 72.2095, 84.7191**.

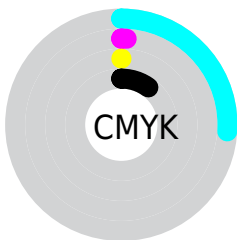
Distribution



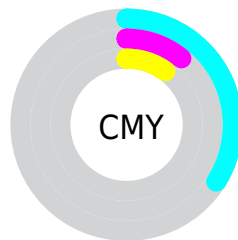
- Red (66%)
- Green (89%)
- Blue (90%)



- Red (66%)
- Yellow (78%)
- Blue (90%)



- Cyan (26%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (34%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9741, 69.0303, 84.3974 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 57.9741, 69.0303, 84.3974 by changing the saturation by 10% instead.

■ 57.9741, 69.0303,
84.3974

■ 57.9741, 69.0303,
84.3974

407.0448,
457.1378, 529.7245

■ 42.0310, 50.7364,
62.7963

■ 101.0083,
117.8249, 141.3976

■ 29.3168, 35.9989,
45.2365

128.8302,
149.0943, 177.6338

■ 19.4661, 24.4333,
31.2994

161.3423,
185.4577, 219.5855

■ 12.1135, 15.6554,
20.5666

198.9101,
227.2994, 267.6711

■ 6.8938, 9.2806,
12.6194

241.8989,
275.0039, 322.3093

■ 3.4415, 4.9247,
7.0394

290.6740,

■ 1.3913, 2.2031,

328.9555, 383.9186

3.4079

345.6009,
389.5387, 452.9174

■ 0.2500, 0.7217,
1.3065

■ 0.0000, 0.0000,
0.0671

■ 57.9741, 69.0303,
84.3974

■ 57.9741, 69.0303,
84.3974

■ 53.2776, 66.3021,
84.1195

■ 63.5360, 72.2095,
84.7191

■ 49.3955, 63.9933,
83.8784


■ 69.9988, 75.8528,
85.0816


■ 46.2810, 62.0816,
83.6736


■ 77.4034, 79.9830,
85.4886


■ 43.8798, 60.5389,
83.5024


■ 83.6948, 83.5407,
85.8437


 42.1307, 59.3339,
83.3620


 83.9075, 83.9661,
85.9146


 40.9622, 58.4295,
83.2490


 84.1211, 84.3933,
85.9858

 40.2852, 57.7798,
83.1593

 84.3357, 84.8224,
86.0573

 40.0996, 57.5702,
83.1286

 84.5511, 85.2533,
86.1291

 84.7675, 85.6861,
86.2013

Harmonies

Analogous

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



57.5288, 69.0303, 71.5234



57.9741, 69.0303, 84.3974



60.4166, 69.0303, 95.9036

Triad

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



57.9741, 69.0303, 84.3974



72.5019, 69.0303, 91.5102



66.9114, 69.0303, 53.4915

Complementary

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



57.9741, 69.0303, 84.3974



54.0382, 48.6488, 44.0795

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.



71.0954, 69.0303, 57.6503



57.9741, 69.0303, 84.3974



74.4172, 69.0303, 78.9225

Square

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



57.9741, 69.0303, 84.3974



68.7612, 69.0303, 100.3215



73.8912, 69.0303, 66.6267



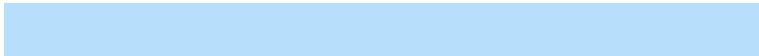
62.5589, 69.0303, 54.6059

Rectangle

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



57.9741, 69.0303, 84.3974



62.9117, 69.0303, 100.7815



73.8912, 69.0303, 66.6267



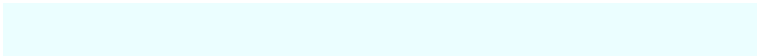
68.3869, 69.0303, 54.3002

Sweetspot

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



57.9761, 69.0331, 84.3990



87.7228, 95.9016, 108.4951



51.6385, 67.3772, 48.3150



18.5000, 20.3716, 23.2070



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.



57.9761, 69.0331, 84.3990



70.8694, 86.2968, 107.5295



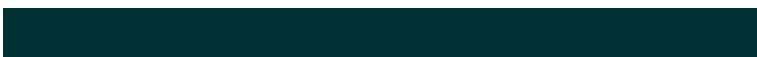
50.7004, 54.4817, 81.9737



14.7642, 16.2497, 18.5027



22.9451, 32.9524, 47.5343



1.7085, 2.4610, 3.5169

Inverse Universe

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



60.3678, 50.5815, 79.2577



74.3847, 59.3427, 99.9357



60.1301, 60.8325, 46.1101



14.9733, 14.6065, 18.0598



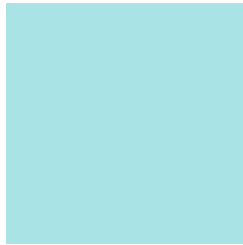
25.9752, 12.5243, 40.3597



1.9260, 0.9281, 3.0169

Previews

White Background



This preview shows how the XYZ color 57.9741, 69.0303, 84.3974 looks on a white background.

Color Contrast Check

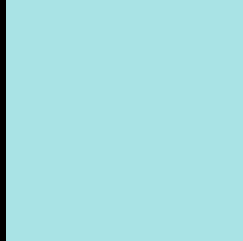
Large Text (above 18pt) WCAG AA × Fail

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 57.9741, 69.0303, 84.3974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

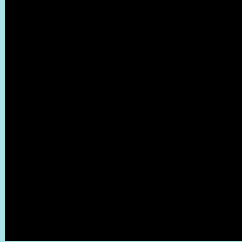
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9741, 69.0303, 84.3974

Background



This preview shows how black text looks on a background with the XYZ color 57.9741, 69.0303, 84.3974.



This preview shows how white text looks on a background with the XYZ color 57.9741, 69.0303,

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

57.9741, 69.0303, 84.3974

Protanopia

66.3987, 68.7802, 78.8836

Deuteranopia

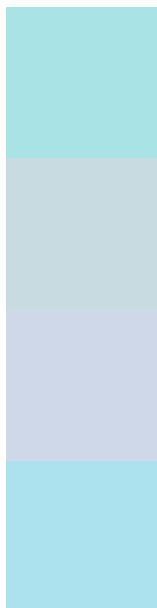
70.0677, 68.6344, 86.6456



Tritanopia

60.1161, 69.0921, 94.9617

Trichromacy



Original Color

57.9741, 69.0303, 84.3974

Protanomaly

62.7415, 68.3786, 81.1257

Deuteranomaly

64.8535, 68.2033, 86.0903

Tritanomaly

59.4236, 69.2237, 91.1185

Monochromacy



Original Color

57.9741, 69.0303, 84.3974

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.5859, 65.7236, 75.1910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9741, 69.0303, 84.3974 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(169, 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(169, 227, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 227, 229) }
```

Border

The CSS property to change the border of an element to XYZ 57.9741, 69.0303, 84.3974 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, 229) }
```


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

```
.border{ border-color:rgb(169, 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(169, 227, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 227, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 227, 229);  
box-shadow:4px 4px 4px 4px rgb(169, 227,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9741, 69.0303, 84.3974 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, 229) }
```

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

```
.background{ background-color: rgb(169,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor