

Converting Colors

XYZ(57.3312, 69.7826, 71.1460)

Have a look what the booklet for
XYZ(57.3312, 69.7826, 71.1460)
contains.

XYZ(57.3314, 69.8057, 71.4249)	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(57.3314, 69.8057,
71.4249)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE5D2
RGB	175, 229, 210
RGB Percent	69%, 90%, 82%
CMY	0.3137, 0.1019, 0.1765
CMYK	0.24, 0.00, 0.08, 0.10
HSL	159°, 51%, 79%
HSV	159°, 24%, 90%
XYZ	57.3314, 69.8057, 71.4249
YIQ	210.6880, -26.0850, -17.3570

Conversions

Conversions Part 2

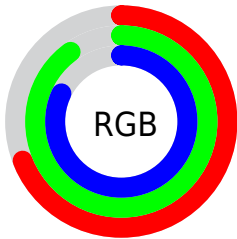
Format	Color
RYB	175, 208, 229
Decimal	11527634
CIELab	86.90, -21.08, 3.64
CIELCh	87, 21.390, 170.205
Yxy	69.8057, 0.2887, 0.3516
Android (android.graphics.Color)	4289717714 (0xFFAFE5D2)
YUV	210.6880, -0.3392, -31.2984
Hunter-Lab	83.5498, -23.7265, 7.7991

Details

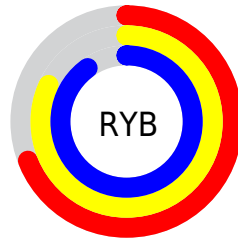
The XYZ color **57.3314, 69.8057, 71.4249** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.3832, 51.2149, 57.9031**, and the grayscale version is **61.7271, 64.9417, 70.7216**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **28.8295, 36.3524, 36.9497** is the 20% darker color. If you saturate the color by 10%, you get **51.6425, 66.9879, 66.0500**, and if you desaturate by 10%, it is **63.9464, 73.0988, 77.1101**.

Distribution



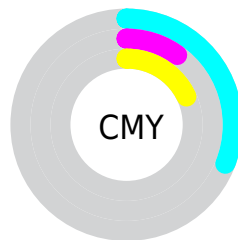
- Red (69%)
- Green (90%)
- Blue (82%)



- Red (69%)
- Yellow (82%)
- Blue (90%)



- Cyan (24%)
- Magenta (0%)
- Yellow (8%)
- Black (10%)





- Cyan (31%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3314, 69.8057, 71.4249 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 57.3314, 69.8057, 71.4249 by changing the saturation by 10% instead.


 57.3314, 69.8057,
71.4249

 57.3314, 69.8057,
71.4249


404.6841,
459.8675, 484.4610

 41.5125, 51.3681,
52.2051


 100.0772,
118.9316, 122.9386

 28.9092, 36.5017,
36.7852


127.7348,
150.3888, 156.0696

 19.1561, 24.8219,
24.7467


160.0693,
186.9546, 194.6747

 11.8878, 15.9444,
15.6712

197.4462,
229.0135, 239.1725

 6.7390, 9.4848,
9.1399

240.2308,
276.9498, 289.9815

 3.3443, 5.0587,
4.7345


288.7884,


 1.3383, 2.2818,


331.1480, 347.5202


2.0363


343.4844,
391.9924, 412.2072


 0.2116, 0.7640,
0.5775


 0.0000, 0.0000,
0.0000


 57.3314, 69.8057,
71.4249


 57.3314, 69.8057,
71.4249


 51.6425, 66.9879,
66.0500


 63.9464, 73.0988,
77.1101


 46.8291, 64.6139,
60.9747

 71.5232, 76.8799,
83.1065

 42.8447, 62.6616,
56.1943

 80.1028, 81.1720,
89.4212

 39.6359, 61.1034,
51.7025

 85.3230, 83.7261,
95.8537

■ 37.1426, 59.9087,
47.4921

■ 86.5620, 84.2217,
102.3785

■ 35.2958, 59.0419,
43.5559

■ 87.3106, 84.5211,
106.3202

■ 34.0115, 58.4597,
39.8854

■ 33.3992, 58.1926,
37.6635

Harmonies

Analogous

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



59.2427, 69.8057, 59.7338



57.3314, 69.8057, 71.4249



57.7413, 69.8057, 85.9024

Triad

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



57.3314, 69.8057, 71.4249



69.7191, 69.8057, 104.8353



72.6837, 69.8057, 56.7802

Complementary

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



57.3314, 69.8057, 71.4249



57.3832, 51.2149, 57.9031

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.



75.7705, 69.8057, 66.9015



57.3314, 69.8057, 71.4249



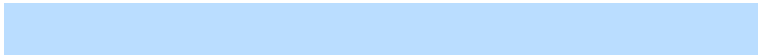
74.0003, 69.8057, 94.9949

Square

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



57.3314, 69.8057, 71.4249



64.7285, 69.8057, 106.4431



76.2641, 69.8057, 80.7800



67.9947, 69.8057, 52.0071

Rectangle

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



57.3314, 69.8057, 71.4249



59.2837, 69.8057, 95.1698



76.2641, 69.8057, 80.7800



73.9528, 69.8057, 59.6056

Sweetspot

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



57.3334, 69.8086, 71.4265



87.7902, 96.3724, 103.3674



58.2135, 70.7123, 51.1393



18.6631, 20.5639, 22.0248



0.0000, 0.0000, 0.0000



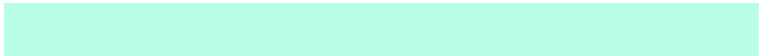
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3334, 69.8086, 71.4265



69.6968, 87.3672, 87.9610



57.8925, 66.9102, 83.9958



14.5808, 16.2457, 17.3232



19.1543, 33.2938, 21.8447



1.4591, 2.4778, 1.8441

Inverse Universe

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



57.3832, 51.2149, 57.9031



69.7721, 59.9649, 68.0402



56.8221, 53.2930, 47.8504



14.5854, 14.4513, 16.0171



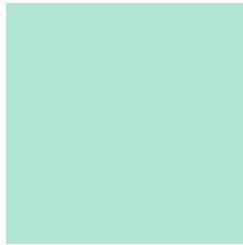
19.3670, 9.8810, 5.5617



1.4740, 0.7473, 0.6365

Previews

White Background



This preview shows how the XYZ color 57.3314, 69.8057, 71.4249 looks on a white background.

Color Contrast Check

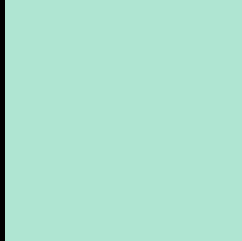
Large Text (above 18pt) WCAG AA × Fail

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 57.3314, 69.8057, 71.4249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

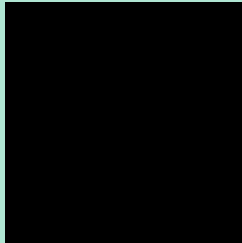
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

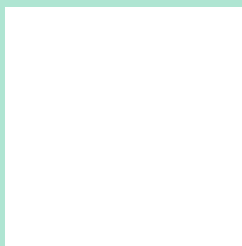
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3314, 69.8057, 71.4249

Background



This preview shows how black text looks on a background with the XYZ color 57.3314, 69.8057, 71.4249.

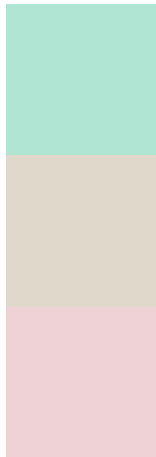


This preview shows how white text looks on a background with the XYZ color 57.3314, 69.8057,

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

57.3314, 69.8057, 71.4249

Protanopia

66.0758, 69.2708, 66.3879

Deuteranopia

70.7808, 69.2989, 73.2638



Tritanopia

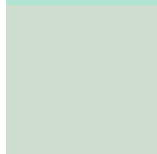
61.7387, 69.5459, 94.1741

Trichromacy



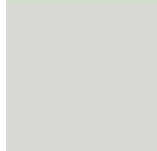
Original Color

57.3314, 69.8057, 71.4249



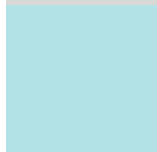
Protanomaly

62.4506, 69.2909, 68.4755



Deuteranomaly

65.1420, 69.0287, 72.8413



Tritanomaly

60.0697, 69.6896, 85.1483

Monochromacy



Original Color

57.3314, 69.8057, 71.4249



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

60.1180, 66.8517, 71.3631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3314, 69.8057, 71.4249 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(175, 229, 210)` looks like.

```
.text, #text, p{  
    color:rgb(175, 229, 210)  
}
```

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(175, 229, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 229, 210) }
```

Border

The CSS property to change the border of an element to XYZ 57.3314, 69.8057, 71.4249 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(175, 229, 210) }
```


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

```
.border{ border-color:rgb(175, 229, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 229, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 229, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 229, 210);  
box-shadow:4px 4px 4px 4px rgb(175, 229,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3314, 69.8057, 71.4249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 229, 210) }
```

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

```
.background{ background-color: rgb(175,  
229, 210) }
```

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