

Converting Colors

XYZ(57.4982, 72.6695, 66.2099)

Have a look what the booklet for
XYZ(57.4982, 72.6695, 66.2099)
contains.

XYZ(57.4845, 72.5179, 66.2259)	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(57.4845, 72.5179,
66.2259)**

Conversions

Conversions Part 1

Format	Color
Hex	ADEBC9
RGB	173, 235, 201
RGB Percent	68%, 92%, 79%
CMY	0.3216, 0.0784, 0.2118
CMYK	0.26, 0.00, 0.14, 0.08
HSL	147°, 61%, 80%
HSV	147°, 26%, 92%
XYZ	57.4845, 72.5179, 66.2259
YIQ	212.5860, -26.0380, -23.7180

Conversions

Conversions Part 2

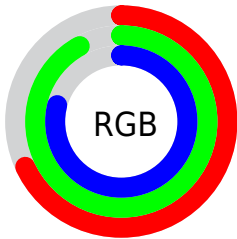
Format	Color
RYB	173, 216, 235
Decimal	11398089
CIELab	88.22, -26.37, 10.23
CIElCh	88, 28.289, 158.799
Yxy	72.5179, 0.2929, 0.3696
Android (android.graphics.Color)	4289588169 (0xFFADEC9)
YUV	212.5860, -5.7119, -34.7169
Hunter-Lab	85.1574, -28.5313, 13.5011

Details

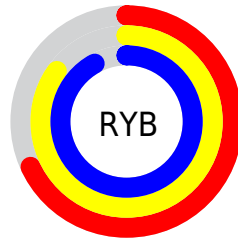
The XYZ color **57.4845, 72.5179, 66.2259** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.4695, 52.0561, 65.8953**, and the grayscale version is **63.0203, 66.3023, 72.2032**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **28.9943, 38.2687, 33.4622** is the 20% darker color. If you saturate the color by 10%, you get **51.2852, 69.4919, 58.3516**, and if you desaturate by 10%, it is **64.7290, 76.0720, 74.8162**.

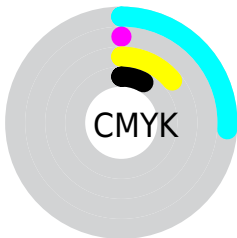
Distribution



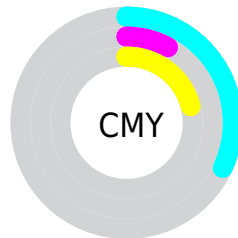
- Red (68%)
- Green (92%)
- Blue (79%)



- Red (68%)
- Yellow (85%)
- Blue (92%)



- Cyan (26%)
- Magenta (0%)
- Yellow (14%)
- Black (8%)





- Cyan (32%)
- Magenta (8%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4845, 72.5179, 66.2259 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 57.4845, 72.5179, 66.2259 by changing the saturation by 10% instead.


 57.4845, 72.5179,
66.2259

 57.4845, 72.5179,
66.2259


405.2472,
469.3422, 465.6106

 41.6360, 53.5818,
47.9982


 100.2991,
122.7926, 115.4406

 29.0062, 38.2675,
33.4655


127.9959,
154.9000, 147.2646

 19.2299, 26.1903,
22.2092

160.3728,
192.1666, 184.4578

 11.9415, 16.9661,
13.8109

197.7953,
234.9769, 227.4388

 6.7758, 10.2103,
7.8520

240.6286,
283.7152, 276.6260

 3.3673, 5.5386,
3.9140


289.2381,


 1.3509, 2.5666,


338.7659, 332.4380


1.5783


343.9892,
400.5135, 395.2934


 0.2208, 0.9099,
0.2753


 0.0000, 0.0000,
0.0000


 57.4845, 72.5179,
66.2259


 57.4845, 72.5179,
66.2259


 51.2852, 69.4919,
58.3516


 64.7290, 76.0720,
74.8162

 46.0741, 66.9591,
51.1700

 73.0602, 80.1692,
84.1357

 41.7978, 64.8941,
44.6631

 82.5243, 84.8351,
94.2030

 38.3950, 63.2659,
38.8106

 88.6082, 87.7427,
104.8217

■ 35.7967, 62.0393,
33.5908

■ 88.9997, 87.8993,
106.8832

■ 33.9228, 61.1734,
28.9808

■ 32.6736, 60.6172,
24.9557

■ 32.3177, 60.4626,
23.6372

Harmonies

Analogous

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



61.0845, 72.5179, 53.3152



57.4845, 72.5179, 66.2259



56.8418, 72.5179, 84.8026

Triad

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



57.4845, 72.5179, 66.2259



70.9372, 72.5179, 121.8457



79.5809, 72.5179, 57.8215

Complementary

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



57.4845, 72.5179, 66.2259



60.4695, 52.0561, 65.8953

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.



82.6121, 72.5179, 73.3915



57.4845, 72.5179, 66.2259



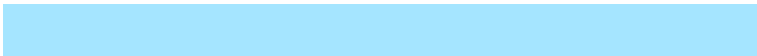
77.4115, 72.5179, 111.7366

Square

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



57.4845, 72.5179, 66.2259



64.3232, 72.5179, 119.0821



81.7933, 72.5179, 93.2293



73.7435, 72.5179, 49.0441

Rectangle

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



57.4845, 72.5179, 66.2259



58.1330, 72.5179, 98.3221



81.7933, 72.5179, 93.2293



80.9787, 72.5179, 62.3223

Sweetspot

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



57.4865, 72.5209, 66.2275



86.1897, 95.6344, 99.3553



63.0137, 75.7168, 50.8298



18.1126, 20.3046, 20.8958



0.0000, 0.0000, 0.0000



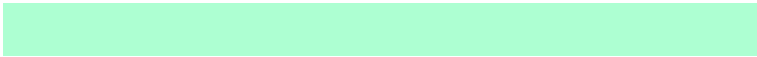
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4865, 72.5209, 66.2275



64.7462, 85.1155, 74.1525



61.4956, 74.1246, 87.3392



15.1511, 16.9753, 17.4786



18.0479, 33.6736, 13.4834



1.4651, 2.6634, 1.3110

Inverse Universe

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



60.4695, 52.0561, 65.8953



68.9349, 56.3706, 73.6801



57.0530, 50.6895, 47.9043



15.4111, 15.1923, 17.4502



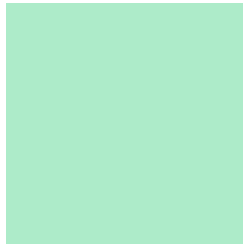
21.3338, 10.7362, 12.8249



1.7236, 0.8624, 1.2620

Previews

White Background



This preview shows how the XYZ color 57.4845, 72.5179, 66.2259 looks on a white background.

Color Contrast Check

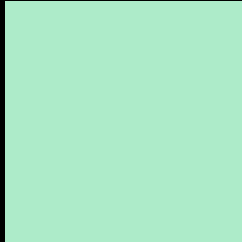
Large Text (above 18pt) WCAG AA × Fail

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 57.4845, 72.5179, 66.2259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

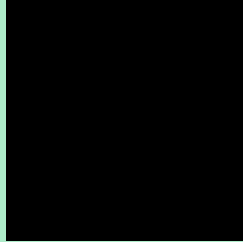
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4845, 72.5179, 66.2259

Background



This preview shows how black text looks on a background with the XYZ color 57.4845, 72.5179, 66.2259.

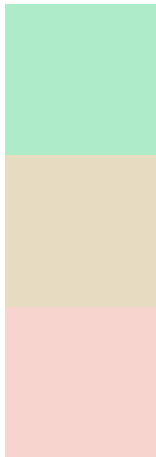


This preview shows how white text looks on a background with the XYZ color 57.4845, 72.5179,

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

57.4845, 72.5179, 66.2259

Protanopia

68.1738, 72.0256, 60.7613

Deuteranopia

73.2926, 71.8189, 68.3920



Tritanopia

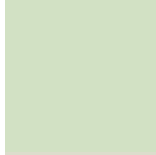
64.0992, 72.6991, 98.6496

Trichromacy



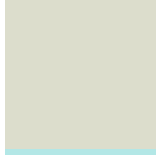
Original Color

57.4845, 72.5179, 66.2259



Protanomaly

63.4674, 71.5376, 62.6876



Deuteranomaly

66.2707, 71.2882, 67.3939



Tritanomaly

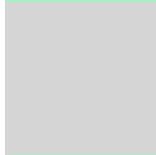
61.4492, 72.4487, 85.6082

Monochromacy



Original Color

57.4845, 72.5179, 66.2259



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

60.6538, 68.3221, 70.3123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4845, 72.5179, 66.2259 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(173, 235, 201)` looks like.

```
.text, #text, p{  
    color:rgb(173, 235, 201)  
}
```

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(173, 235, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 235, 201) }
```

Border

The CSS property to change the border of an element to XYZ 57.4845, 72.5179, 66.2259 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(173, 235, 201) }
```


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

```
.border{ border-color:rgb(173, 235, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 235, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 235, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 235, 201);  
box-shadow:4px 4px 4px 4px rgb(173, 235,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4845, 72.5179, 66.2259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 235, 201) }
```

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

```
.background{ background-color: rgb(173,  
235, 201) }
```

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