

# Converting Colors

XYZ(62.8193, 79.2863, 79.1594)

Have a look what the booklet for  
XYZ(62.8193, 79.2863, 79.1594)  
contains.

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# Color

**XYZ(62.8941, 79.4180,  
79.0322)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEF5DB
RGB	174, 245, 219
RGB Percent	68%, 96%, 86%
CMY	0.3176, 0.0392, 0.1412
CMYK	0.29, 0.00, 0.11, 0.04
HSL	158°, 78%, 82%
HSV	158°, 29%, 96%
XYZ	62.8941, 79.4180, 79.0322
YIQ	220.8070, -33.9700, -23.1380

# Conversions

## Conversions Part 2

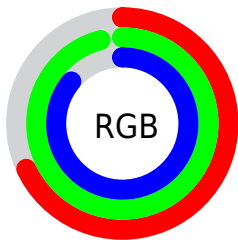
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 217, 245
Decimal	11466203
CIELab	91.42, -27.32, 5.47
CIELCh	91, 27.867, 168.675
Yxy	79.4180, 0.2841, 0.3588
Android (android.graphics.Color)	4289656283 (0xFFFAEF5DB)
YUV	220.8070, -0.8909, -41.0497
Hunter-Lab	89.1168, -29.9781, 9.8011

# Details

The XYZ color **62.8941, 79.4180, 79.0322** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.2202, 53.8566, 61.7099**, and the grayscale version is **68.6167, 72.1902, 78.6151**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **32.2918, 42.5687, 41.6366** is the 20% darker color. If you saturate the color by 10%, you get **56.7765, 76.3992, 72.7459**, and if you desaturate by 10%, it is **70.0753, 82.9820, 85.7040**.

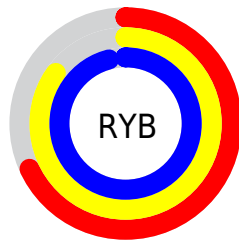
# Distribution



Red (68%)

Green (96%)

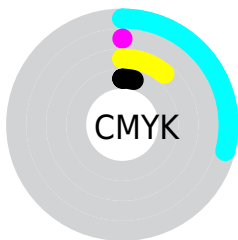
Blue (86%)



Red (68%)

Yellow (85%)

Blue (96%)

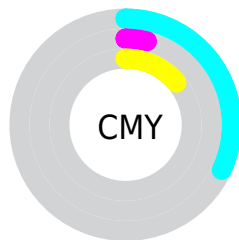


Cyan (29%)

Magenta (0%)

Yellow (11%)

Black (4%)



Cyan (32%)

Magenta (4%)


Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8941, 79.4180, 79.0322 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 62.8941, 79.4180, 79.0322 by changing the saturation by 10% instead.





 62.8941, 79.4180,  
79.0322

 62.8941, 79.4180,  
79.0322


424.8508,  
492.9693, 511.2858

 46.0139, 59.2395,  
58.4008


 108.0994,  
132.5472, 133.8033

 32.4614, 42.8060,  
41.7141


137.1551,  
166.2667, 168.7800

 21.8714, 29.7329,  
28.5536


171.0001,  
205.2686, 209.3757

 13.8785, 19.6360,  
18.5007

209.9997,  
249.9374, 256.0087

 8.1174, 12.1307,  
11.1369

254.5192,  
300.6575, 309.0977

 4.2226, 6.8328,  
6.0437

304.9240,

 1.8288, 3.3577,

357.8133, 369.0612

2.8024

361.5794,  
421.7891, 436.3177

■ 0.5349, 1.3212,  
0.9947

■ 0.0000, 0.1575,  
0.0000

■ 62.8941, 79.4180,  
79.0322

■ 62.8941, 79.4180,  
79.0322

■ 56.7765, 76.3992,  
72.7459

■ 70.0753, 82.9820,  
85.7040

■ 51.6608, 73.8875,  
66.8321

■ 78.3646, 87.1076,  
92.7636

■ 47.4887, 71.8552,  
61.2844

■ 87.8117, 91.8225,  
100.2197

■ 44.1932, 70.2678,  
56.0943

■ 91.9266, 93.7809,  
107.7736

■ 41.6979, 69.0860,  
51.2525

■ 91.9439, 93.7878,  
107.8646

■ 39.9125, 68.2634,  
46.7491

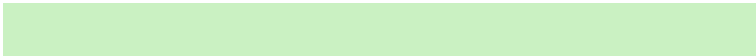
■ 38.7023, 67.7308,  
42.5718

■ 38.5937, 67.6837,  
42.1631

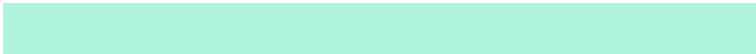
# Harmonies

## Analogous

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



65.7051, 79.4180, 63.1748



62.8941, 79.4180, 79.0322



63.2954, 79.4180, 99.5825

# Triad

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



62.8941, 79.4180, 79.0322



79.9330, 79.4180, 128.9704



84.8463, 79.4180, 60.3480

# Complementary

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



62.8941, 79.4180, 79.0322



63.2202, 53.8566, 61.7099

# 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.



89.1458, 79.4180, 74.5671



62.8941, 79.4180, 79.0322



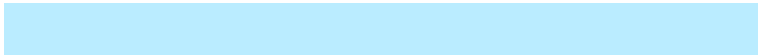
86.1889, 79.4180, 114.8919

# Square

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



62.8941, 79.4180, 79.0322



72.8396, 79.4180, 130.6684



89.6520, 79.4180, 94.3661

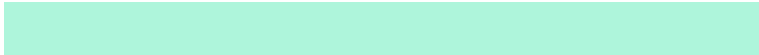


78.1925, 79.4180, 53.5694

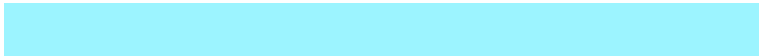


# Rectangle

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



62.8941, 79.4180, 79.0322



65.3365, 79.4180, 113.2290



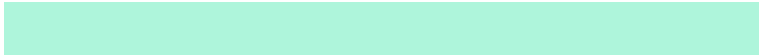
89.6520, 79.4180, 94.3661



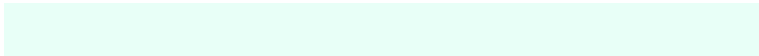
86.6322, 79.4180, 64.3030

# Sweetspot

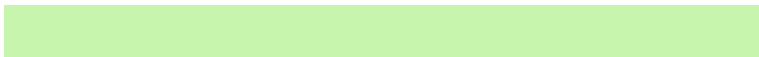
The Sweet Spot groups the original color and five complimentary colors.



62.8963, 79.4213, 79.0340



85.7810, 95.3746, 101.5565



64.1232, 80.6482, 52.2324



18.0609, 20.2647, 21.4903



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

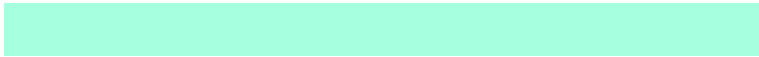


# Same Dimension

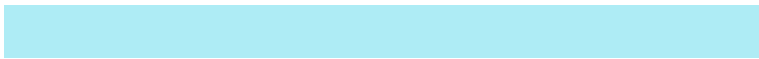
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.8963, 79.4213, 79.0340



64.6605, 84.8908, 82.3060



63.8007, 75.3169, 97.5651



16.7242, 18.6488, 19.8319



20.8592, 36.4885, 23.0761



1.8827, 3.2267, 2.2880



# Inverse Universe

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



63.2202, 53.8566, 61.7099



65.0742, 52.5390, 60.4011



62.3285, 56.5302, 47.6717



16.7500, 16.5828, 18.4300



21.3348, 10.8774, 6.4716

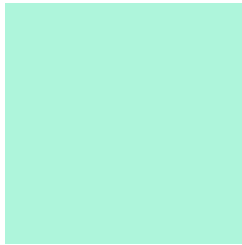


1.9228, 0.9751, 0.8198



# Previews

## White Background



This preview shows how the XYZ color 62.8941, 79.4180, 79.0322 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

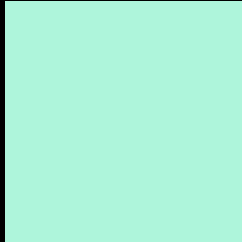
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.8941, 79.4180, 79.0322 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

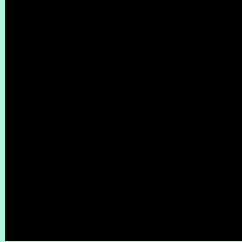
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

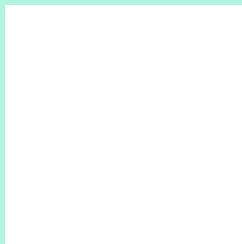
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 62.8941, 79.4180, 79.0322

## Background



This preview shows how black text looks on a background with the XYZ color 62.8941, 79.4180, 79.0322.



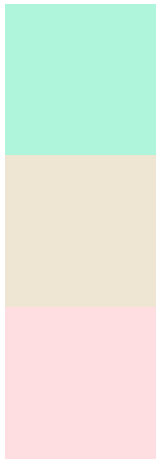
This preview shows how white text looks on a background with the XYZ color 62.8941, 79.4180,

79.0322.

# 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

62.8941, 79.4180, 79.0322

### Protanopia

74.9121, 78.8689, 72.2477

### Deuteranopia

80.4489, 78.6952, 81.4706



## Tritanopia

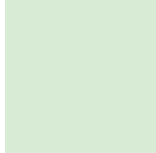
69.6108, 79.1879, 106.2237

# Trichromacy



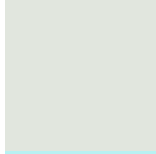
## Original Color

62.8941, 79.4180, 79.0322



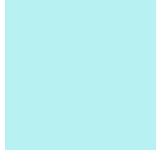
## Protanomaly

69.7429, 78.6678, 74.4594



## Deuteranomaly

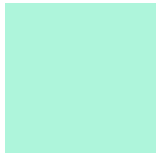
72.5330, 77.8751, 80.3157



## Tritanomaly

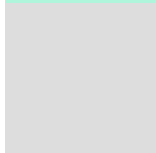
67.2495, 79.5117, 95.8073

# Monochromacy



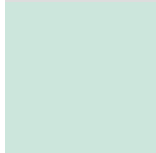
## Original Color

62.8941, 79.4180, 79.0322



## Achromatopsia

68.7264, 72.3055, 78.7407



## Achromatomaly

66.1169, 74.5983, 78.6243

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.8941, 79.4180, 79.0322 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(174, 245, 219)` looks like.

```
.text, #text, p{  
    color:rgb(174, 245, 219)  
}
```

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(174, 245, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 245, 219) }
```

## Border

The CSS property to change the border of an element to XYZ 62.8941, 79.4180, 79.0322 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(174, 245, 219) }
```



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

```
.border{ border-color:rgb(174, 245, 219) }
```

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

Here you see how a box with a 4 pixel rgb(174, 245, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 245, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 245, 219);  
box-shadow:4px 4px 4px 4px rgb(174, 245,  
219) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.8941, 79.4180, 79.0322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 245, 219) }
```

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

```
.background{ background-color: rgb(174,  
245, 219) }
```

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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