

# Converting Colors

XYZ(57.4734, 65.4177, 67.6905)

Have a look what the booklet for  
XYZ(57.4734, 65.4177, 67.6905)  
contains.

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# Color

**XYZ(57.6978, 65.6754,  
68.0281)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<code>BFDACE</code>
RGB	191, 218, 206
RGB Percent	75%, 85%, 81%
CMY	0.2510, 0.1451, 0.1922
CMYK	0.12, 0.00, 0.06, 0.15
HSL	153°, 27%, 80%
HSV	153°, 12%, 85%
XYZ	57.6978, 65.6754, 68.0281
YIQ	208.5590, -12.2400, -9.4560

# Conversions

## Conversions Part 2

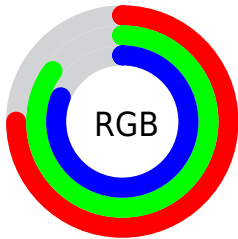
Format	Color
<a href="#">RYB</a>	<a href="#">191, 208, 218</a>
Decimal	<a href="#">12573390</a>
CIELab	<a href="#">84.83, -11.25, 2.87</a>
CIELCh	<a href="#">85, 11.614, 165.702</a>
Yxy	<a href="#">65.6754, 0.3014, 0.3431</a>
Android (android.graphics.Color)	<a href="#">4290763470</a> ( <a href="#">0xFFBFDACE</a> )
YUV	<a href="#">208.5590, -1.2616, -15.3992</a>
Hunter-Lab	<a href="#">81.0404, -14.7351, 6.9582</a>

# Details

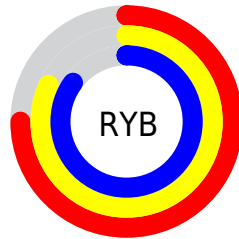
The XYZ color **57.6978, 65.6754, 68.0281** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.3261, 56.4804, 64.3306**, and the grayscale version is **60.3323, 63.4743, 69.1235**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **29.0812, 33.7797, 34.6932** is the 20% darker color. If you saturate the color by 10%, you get **51.4772, 62.6023, 61.7806**, and if you desaturate by 10%, it is **64.8107, 69.2038, 74.6990**.

# Distribution



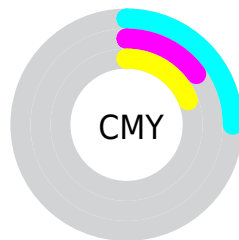
- Red (75%)
- Green (85%)
- Blue (81%)



- Red (75%)
- Yellow (82%)
- Blue (85%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6978, 65.6754, 68.0281 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 57.6978, 65.6754, 68.0281 by changing the saturation by 10% instead.



■ 57.6978, 65.6754,  
68.0281

■ 57.6978, 65.6754,  
68.0281

406.0310,  
445.2151, 472.1963

■ 41.8081, 48.0089,  
49.4538

■ 100.6082,  
113.0203, 118.0469

■ 29.1415, 33.8340,  
34.6114

128.3595,  
143.4676, 150.3285

■ 19.3327, 22.7661,  
23.0826

160.7954,  
178.9439, 188.0163

■ 12.0164, 14.4209,  
14.4486

198.2812,  
219.8336, 231.5287

■ 6.8271, 8.4140,  
8.2910

241.1823,  
266.5213, 281.2844

■ 3.3996, 4.3610,  
4.1913

289.8641,

■ 1.3684, 1.8775,

319.3911, 337.7019

1.7309

344.6919,  
378.8276, 401.1997

■ 0.2336, 0.5348,  
0.3818

■ 0.0000, 0.0000,  
0.0000

■ 57.6978, 65.6754,  
68.0281

■ 57.6978, 65.6754,  
68.0281

■ 51.4772, 62.6023,  
61.7806

■ 64.8107, 69.2038,  
74.6990

■ 46.1063, 59.9571,  
55.9438

■ 72.8454, 73.1970,  
81.7972

■ 41.5468, 57.7221,  
50.5101

■ 81.3186, 77.4077,  
89.3079

■ 37.7555, 55.8753,  
45.4704

■ 82.7580, 77.9835,  
96.8877

■ 34.6850, 54.3922,  
40.8151

■ 84.2749, 78.5902,  
104.8755

■ 32.2822, 53.2458,  
36.5342

■ 84.3627, 78.6253,  
105.3376

■ 30.4863, 52.4048,  
32.6168

■ 29.2245, 51.8319,  
29.0514

■ 28.5299, 51.5282,  
26.5634

# Harmonies

## Analogous

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



58.9090, 65.6754, 61.9601



57.6978, 65.6754, 68.0281



57.7279, 65.6754, 75.4586

# Triad

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



57.6978, 65.6754, 68.0281



63.7866, 65.6754, 86.2124



65.9830, 65.6754, 61.7345

# Complementary

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



57.6978, 65.6754, 68.0281



58.3261, 56.4804, 64.3306

# 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.



67.3649, 65.6754, 67.7003



57.6978, 65.6754, 68.0281



66.0730, 65.6754, 81.9926

# Square

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



57.6978, 65.6754, 68.0281



61.1948, 65.6754, 86.3155



67.3983, 65.6754, 75.1074



63.6665, 65.6754, 58.5013



# Rectangle

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



57.6978, 65.6754, 68.0281



58.4463, 65.6754, 80.2032



67.3983, 65.6754, 75.1074



66.5750, 65.6754, 63.4676

# Sweetspot

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



57.6996, 65.6782, 68.0296



90.6749, 97.8279, 104.9297



59.1471, 66.6250, 59.0336



19.2372, 20.8544, 22.3018



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

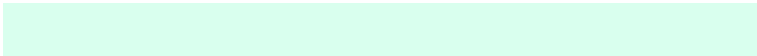


# Same Dimension

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



57.6996, 65.6782, 68.0296



79.7333, 92.4063, 94.5208



58.8657, 65.5866, 75.8899



13.1878, 14.7267, 15.4518



17.1466, 30.8912, 16.2031



1.1540, 2.0185, 1.2769



# Inverse Universe

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



58.3261, 56.4804, 64.3306



80.8042, 76.6832, 88.1981



57.2460, 56.5217, 57.1837



13.2953, 13.1472, 14.8165



18.6645, 9.4668, 7.8792

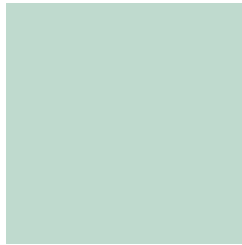


1.2521, 0.6305, 0.7365



# Previews

## White Background



This preview shows how the XYZ color 57.6978, 65.6754, 68.0281 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

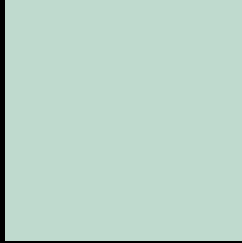
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 57.6978, 65.6754, 68.0281 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

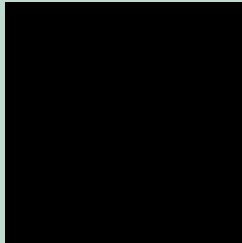
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

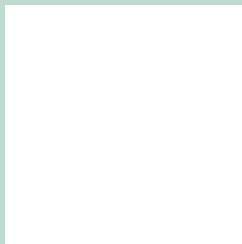
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 57.6978, 65.6754, 68.0281**

## **Background**



This preview shows how black text looks on a background with the XYZ color 57.6978, 65.6754, 68.0281.



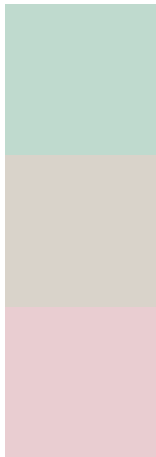
This preview shows how white text looks on a background with the XYZ color 57.6978, 65.6754,



# 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

57.6978, 65.6754, 68.0281

### Protanopia

62.5702, 65.6045, 65.2422

### Deuteranopia

66.9442, 65.5897, 69.4533



## Tritanopia

60.9760, 65.4648, 85.0235

# Trichromacy



## Original Color

57.6978, 65.6754, 68.0281

## Protanomaly

60.8385, 65.8148, 65.9969

## Deuteranomaly

63.3452, 65.5527, 68.9888

## Tritanomaly

59.7334, 65.3441, 78.5716

# Monochromacy



## Original Color

57.6978, 65.6754, 68.0281

## Achromatopsia

60.6036, 63.7597, 69.4343

## Achromatomaly

59.2858, 64.1976, 68.9412

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.6978, 65.6754, 68.0281 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(191, 218, 206) looks like.

```
.text, #text, p{  
    color:rgb(191, 218, 206)  
}
```

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(191, 218, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 218, 206) }
```

## Border

The CSS property to change the border of an element to XYZ 57.6978, 65.6754, 68.0281 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(191, 218, 206) }
```



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

```
.border{ border-color:rgb(191, 218, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 218, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 218, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 218, 206); box-shadow:4px 4px 4px 4px rgb(191, 218, 206) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.6978, 65.6754, 68.0281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 218, 206) }
```

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

```
.background{ background-color: rgb(191,  
218, 206) }
```

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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