

# Converting Colors

XYZ(57.6814, 64.3944, 69.0807)

Have a look what the booklet for  
XYZ(57.6814, 64.3944, 69.0807)  
contains.

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# Color

**XYZ(57.6779, 64.4924,  
69.0828)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1D7D0
RGB	193, 215, 208
RGB Percent	76%, 84%, 82%
CMY	0.2431, 0.1568, 0.1843
CMYK	0.10, 0.00, 0.03, 0.16
HSL	161°, 22%, 80%
HSV	161°, 10%, 84%
XYZ	57.6779, 64.4924, 69.0828
YIQ	207.6240, -10.8650, -6.8410

# Conversions

## Conversions Part 2

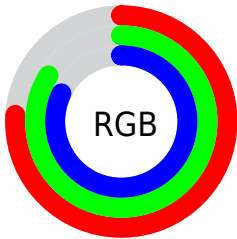
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 206, 215
Decimal	12703696
CIELab	84.22, -8.68, 0.94
CIElCh	84, 8.728, 173.825
Yxy	64.4924, 0.3016, 0.3372
Android (android.graphics.Color)	4290893776 (0xFFC1D7D0)
YUV	207.6240, 0.1854, -12.8252
Hunter-Lab	80.3072, -12.3359, 5.2118

# Details

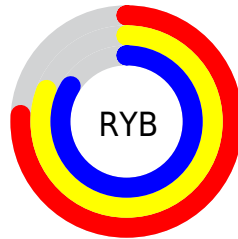
The XYZ color **57.6779, 64.4924, 69.0828** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5219, 56.7588, 62.5704**, and the grayscale version is **59.7162, 62.8261, 68.4176**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **29.0510, 32.9637, 35.4033** is the 20% darker color. If you saturate the color by 10%, you get **51.7669, 61.5421, 64.5064**, and if you desaturate by 10%, it is **64.4258, 67.8734, 73.8907**.

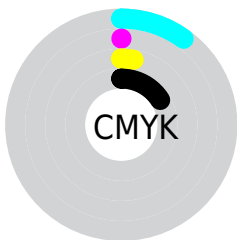
# Distribution



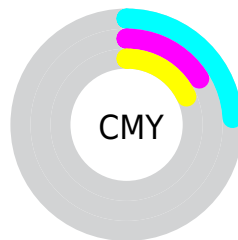
- Red (76%)
- Green (84%)
- Blue (82%)



- Red (76%)
- Yellow (81%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6779, 64.4924, 69.0828 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 57.6779, 64.4924, 69.0828 by changing the saturation by 10% instead.



■ 57.6779, 64.4924,  
69.0828

■ 57.6779, 64.4924,  
69.0828

405.9579,  
440.9656, 476.0248

■ 41.7920, 47.0496,  
50.3070

■ 100.5793,  
111.3198, 119.5686

■ 29.1289, 33.0749,  
35.2845

128.3256,  
141.4731, 152.1157

■ 19.3231, 22.1838,  
23.5968

160.7560,  
176.6321, 190.0903

■ 12.0094, 13.9920,  
14.8254

198.2359,  
217.1812, 233.9110

■ 6.8223, 8.1151,  
8.5517

241.1307,  
263.5047, 283.9962

■ 3.3966, 4.1687,  
4.3571

289.8057,

■ 1.3668, 1.7684,

315.9870, 340.7646

1.8232

344.6263,  
375.0125, 404.6346

■ 0.2324, 0.4673,  
0.4432

■ 0.0000, 0.0000,  
0.0000

■ 57.6779, 64.4924,  
69.0828

■ 57.6779, 64.4924,  
69.0828

■ 51.7669, 61.5421,  
64.5064

■ 64.4258, 67.8734,  
73.8907

■ 46.6525, 58.9966,  
60.1532

■ 72.0376, 71.6938,  
78.9297

■ 42.2994, 56.8395,  
56.0206

■ 79.6191, 75.4943,  
84.1616

■ 38.6674, 55.0501,  
52.1041

■ 80.5913, 75.8832,  
89.2806

■ 35.7125, 53.6057,  
48.3993

■ 81.6014, 76.2872,  
94.6002

■ 33.3856, 52.4811,  
44.9013

■ 82.6501, 76.7067,  
100.1223

■ 31.6308, 51.6476,  
41.6048

■ 83.5917, 77.0833,  
105.0806

■ 30.3817, 51.0711,  
38.5040

■ 29.5346, 50.6965,  
35.6567

# Harmonies

## Analogous

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



58.3476, 64.4924, 64.1258



57.6779, 64.4924, 69.0828



57.9617, 64.4924, 74.6078

# Triad

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



57.6779, 64.4924, 69.0828



62.8112, 64.4924, 80.4120



63.5174, 64.4924, 61.9773

# Complementary

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



57.6779, 64.4924, 69.0828



57.5219, 56.7588, 62.5704

# 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.



64.7601, 64.4924, 66.0102



57.6779, 64.4924, 69.0828



64.3464, 64.4924, 76.6912

# Square

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



57.6779, 64.4924, 69.0828



60.8993, 64.4924, 81.3404



65.0667, 64.4924, 71.3722



61.6986, 64.4924, 60.1646



# Rectangle

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



57.6779, 64.4924, 69.0828



58.6564, 64.4924, 77.8502



65.0667, 64.4924, 71.3722



64.0179, 64.4924, 63.1077

# Sweetspot

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



57.6797, 64.4951, 69.0842



91.9017, 98.4220, 106.7193



57.8367, 64.7793, 59.9083



19.4949, 20.9782, 22.7187



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

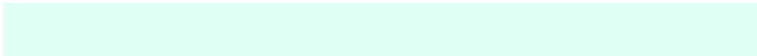


# Same Dimension

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



57.6797, 64.4951, 69.0842



83.1458, 94.0398, 100.3641



57.6373, 63.0007, 73.4157



12.6162, 14.0375, 15.0592



17.7145, 30.3411, 21.5898



1.1053, 1.8448, 1.4964



# Inverse Universe

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



57.5219, 56.7588, 62.5704



82.8746, 80.7351, 89.1625



57.5427, 58.0804, 58.6308



12.5845, 12.4853, 13.7522



17.4367, 8.9110, 4.3379



1.0889, 0.5523, 0.4575



# Previews

## White Background



This preview shows how the XYZ color 57.6779, 64.4924, 69.0828 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

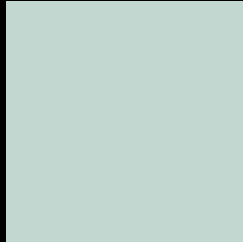
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 57.6779, 64.4924, 69.0828 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

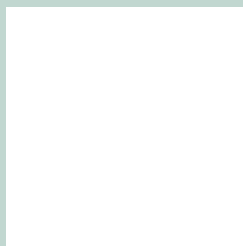
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 57.6779, 64.4924, 69.0828**

## **Background**



This preview shows how black text looks on a background with the XYZ color 57.6779, 64.4924, 69.0828.



This preview shows how white text looks on a background with the XYZ color 57.6779, 64.4924,



# 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

57.6779, 64.4924, 69.0828

### Protanopia

61.8442, 64.4558, 66.9393

### Deuteranopia

65.6219, 64.1880, 69.9036



## Tritanopia

60.7123, 64.6144, 83.4007

# Trichromacy



## Original Color

57.6779, 64.4924, 69.0828

## Protanomaly

60.1670, 64.3102, 67.6345

## Deuteranomaly

62.4367, 63.9808, 69.3804

## Tritanomaly

59.6103, 64.5447, 77.7232

# Monochromacy



## Original Color

57.6779, 64.4924, 69.0828

## Achromatopsia

59.9535, 63.0757, 68.6895

## Achromatomaly

59.3080, 63.8391, 68.8708

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.6779, 64.4924, 69.0828 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(193, 215, 208)` looks like.

```
.text, #text, p{  
    color:rgb(193, 215, 208)  
}
```

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(193, 215, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 215, 208) }
```

## Border

The CSS property to change the border of an element to XYZ 57.6779, 64.4924, 69.0828 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(193, 215, 208) }
```



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

```
.border{ border-color:rgb(193, 215, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 215, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 215, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 215, 208);  
box-shadow:4px 4px 4px 4px rgb(193, 215,  
208) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.6779, 64.4924, 69.0828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 215, 208) }
```

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

```
.background{ background-color: rgb(193,  
215, 208) }
```

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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