

# Converting Colors

XYZ(57.7006, 62.7381, 71.8817)

Have a look what the booklet for  
XYZ(57.7006, 62.7381, 71.8817)  
contains.

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# Color

**XYZ(57.5625, 62.4994,  
71.9805)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3D2D5
RGB	195, 210, 213
RGB Percent	76%, 82%, 84%
CMY	0.2353, 0.1765, 0.1647
CMYK	0.08, 0.01, 0.00, 0.16
HSL	190°, 18%, 80%
HSV	190°, 8%, 84%
XYZ	57.5625, 62.4994, 71.9805
YIQ	205.8570, -9.9030, -2.2470

# Conversions

## Conversions Part 2

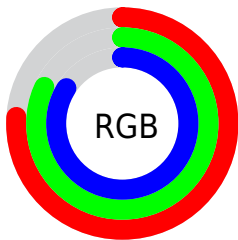
Format	Color
<b>RYB</b>	195, 203, 213
Decimal	12833493
CIELab	83.18, -4.46, -3.23
CIELCh	83, 5.509, 215.890
Yxy	62.4994, 0.2997, 0.3254
Android (android.graphics.Color)	4291023573 (0xFFC3D2D5)
YUV	205.8570, 3.5215, -9.5216
Hunter-Lab	79.0566, -8.3799, 1.3564

# Details

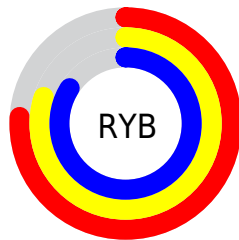
The XYZ color **57.5625, 62.4994, 71.9805** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4852, 58.4740, 59.8875**, and the grayscale version is **58.5590, 61.6086, 67.0918**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **29.0445, 31.9083, 36.9759** is the 20% darker color. If you saturate the color by 10%, you get **51.5814, 58.1324, 71.4538**, and if you desaturate by 10%, it is **64.3516, 67.3152, 72.5532**.

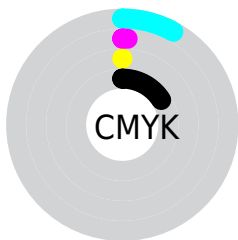
# Distribution



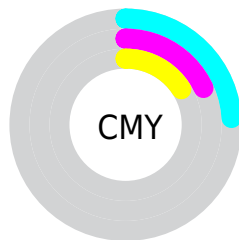
- Red (76%)
- Green (82%)
- Blue (84%)



- Red (76%)
- Yellow (80%)
- Blue (84%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5625, 62.4994, 71.9805 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 57.5625, 62.4994, 71.9805 by changing the saturation by 10% instead.



■ 57.5625, 62.4994,  
71.9805

■ 57.5625, 62.4994,  
71.9805

405.5339,  
433.7504, 486.4494

■ 41.6989, 45.4363,  
52.6560

100.4121,  
108.4470, 123.7363

■ 29.0557, 31.8013,  
37.1424

128.1289,  
138.1003, 157.0046

■ 19.2674, 21.2097,  
25.0211

160.5274,  
172.7192, 195.7580

■ 11.9688, 13.2774,  
15.8736

197.9730,  
212.6879, 240.4150

■ 6.7945, 7.6198,  
9.2814

240.8311,  
258.3911, 291.3941

■ 3.3791, 3.8527,  
4.8259

289.4671,

■ 1.3573, 1.5915,

310.2129, 349.1138

2.0885

344.2462,  
368.5379, 413.9928

■ 0.2255, 0.3519,  
0.6089

■ 0.0000, 0.0000,  
0.0000

■ 57.5625, 62.4994,  
71.9805

■ 57.5625, 62.4994,  
71.9805

■ 51.5814, 58.1324,  
71.4538

■ 64.3516, 67.3152,  
72.5532

■ 46.3699, 54.1889,  
70.9673

■ 71.9747, 72.5882,  
73.1692

■ 41.8940, 50.6532,  
70.5207

■ 79.0128, 77.5888,  
73.7635

■ 38.1155, 47.5052,  
70.1123

■ 79.9570, 79.4773,  
74.0782

■ 34.9924, 44.7232,  
69.7399

■ 80.9211, 81.4055,  
74.3996

■ 32.4781, 42.2828,  
69.4014

■ 81.9052, 83.3737,  
74.7276

■ 30.5197, 40.1568,  
69.0942

■ 82.9094, 85.3822,  
75.0624

■ 29.0550, 38.3127,  
68.8155

■ 83.9339, 87.4311,  
75.4039

■ 27.9900, 36.7019,  
68.5607

■ 84.9787, 89.5208,  
75.7521

# Harmonies

## Analogous

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



57.1484, 62.4994, 68.7284



57.5625, 62.4994, 71.9805



58.4706, 62.4994, 74.2333

# Triad

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



57.5625, 62.4994, 71.9805



61.5249, 62.4994, 70.7736



59.1684, 62.4994, 61.7158

# Complementary

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



57.5625, 62.4994, 71.9805



57.4852, 58.4740, 59.8875

# 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.



60.3469, 62.4994, 62.2223



57.5625, 62.4994, 71.9805



61.7178, 62.4994, 67.3785

# Square

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



57.5625, 62.4994, 71.9805



60.7604, 62.4994, 73.5203



61.2840, 62.4994, 64.2676



58.0676, 62.4994, 62.8603

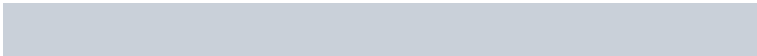


# Rectangle

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



57.5625, 62.4994, 71.9805



59.2393, 62.4994, 74.8250



61.2840, 62.4994, 64.2676



59.5686, 62.4994, 61.6991

# Sweetspot

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



57.5643, 62.5020, 71.9819



91.8864, 97.7679, 108.6359



56.4594, 63.2550, 62.4795



19.4906, 20.8009, 23.2377



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

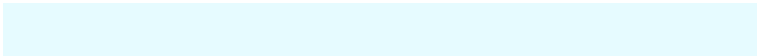


# Same Dimension

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



57.5643, 62.5020, 71.9819



84.9435, 92.8016, 108.0432



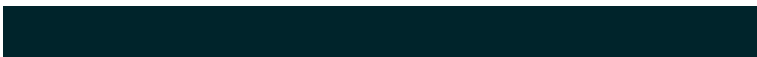
55.4735, 58.3205, 71.2850



12.6080, 13.7395, 15.9250



17.0699, 22.4017, 41.8774



1.0774, 1.4468, 2.5418



# Inverse Universe

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



58.5899, 57.8307, 69.0503



86.7718, 84.5253, 102.8058



59.5321, 62.5677, 60.5698



12.8601, 12.5955, 15.2036



21.6750, 10.6063, 26.6562

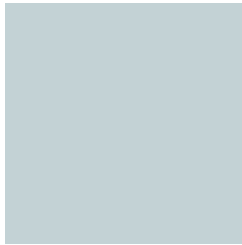


1.3315, 0.6494, 1.7349



# Previews

## White Background



This preview shows how the XYZ color 57.5625, 62.4994, 71.9805 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

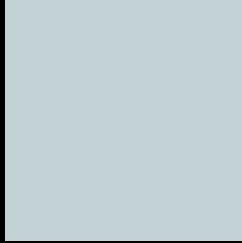
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 57.5625, 62.4994, 71.9805 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

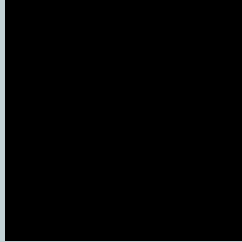
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

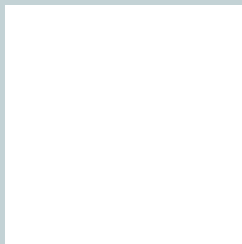
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 57.5625, 62.4994, 71.9805

## Background



This preview shows how black text looks on a background with the XYZ color 57.5625, 62.4994, 71.9805.



This preview shows how white text looks on a background with the XYZ color 57.5625, 62.4994,



# 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

57.5625, 62.4994, 71.9805

### Protanopia

60.1237, 62.4011, 70.5038

### Deuteranopia

63.5838, 62.3676, 72.9769



## Tritanopia

59.1724, 62.4183, 80.1634

# Trichromacy



## Original Color

57.5625, 62.4994, 71.9805

## Protanomaly

59.0983, 62.2165, 71.1815

## Deuteranomaly

61.1710, 62.1869, 72.3975

## Tritanomaly

58.6166, 62.5571, 77.3919

# Monochromacy



## Original Color

57.5625, 62.4994, 71.9805

## Achromatopsia

58.6655, 61.7207, 67.2138

## Achromatomaly

58.1786, 61.7857, 69.1811

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.5625, 62.4994, 71.9805 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(195, 210, 213) looks like.

```
.text, #text, p{  
    color:rgb(195, 210, 213)  
}
```

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(195, 210, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 210, 213) }
```

## Border

The CSS property to change the border of an element to XYZ 57.5625, 62.4994, 71.9805 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(195, 210, 213) }
```



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

```
.border{ border-color:rgb(195, 210, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 210, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 210, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 210, 213);  
box-shadow:4px 4px 4px 4px rgb(195, 210,  
213) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.5625, 62.4994, 71.9805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 210, 213) }
```

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

```
.background{ background-color: rgb(195,  
210, 213) }
```

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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