

# Converting Colors

XYZ(60.0157, 62.8966, 72.0509)

Have a look what the booklet for  
XYZ(60.0157, 62.8966, 72.0509)  
contains.

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# Color

**XYZ(60.0197, 63.0377,  
71.9549)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CED0D5
RGB	206, 208, 213
RGB Percent	81%, 82%, 84%
CMY	0.1922, 0.1843, 0.1647
CMYK	0.03, 0.02, 0.00, 0.16
HSL	223°, 8%, 82%
HSV	223°, 3%, 84%
XYZ	60.0197, 63.0377, 71.9549
YIQ	207.9720, -2.7970, 1.1310

# Conversions

## Conversions Part 2

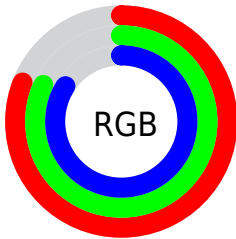
Format	Color
RYP	206, 208, 213
Decimal	13553877
CIELab	83.46, 0.25, -2.72
CIElCh	83, 2.731, 275.221
Yxy	63.0377, 0.3078, 0.3232
Android (android.graphics.Color)	4291743957 (0xFFCED0D5)
YUV	207.9720, 2.4788, -1.7294
Hunter-Lab	79.3963, -4.0062, 1.8443

# Details

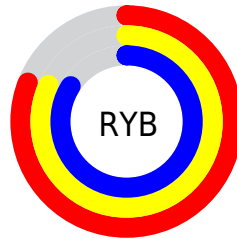
The XYZ color **60.0197, 63.0377, 71.9549** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8754, 65.1901, 67.7151**, and the grayscale version is **59.9234, 63.0440, 68.6550**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.6761, 32.2552, 36.9568** is the 20% darker color. If you saturate the color by 10%, you get **50.9722, 53.1337, 70.5210**, and if you desaturate by 10%, it is **70.2275, 74.0709, 73.5475**.

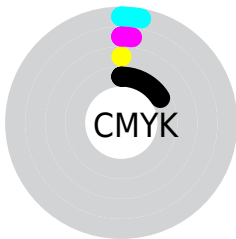
# Distribution



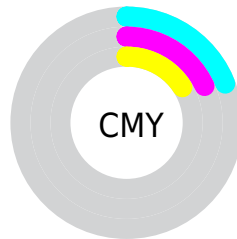
- Red (81%)
- Green (82%)
- Blue (84%)



- Red (81%)
- Yellow (82%)
- Blue (84%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (18%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0197, 63.0377, 71.9549 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 60.0197, 63.0377, 71.9549 by changing the saturation by 10% instead.



■ 60.0197, 63.0377,  
71.9549

■ 60.0197, 63.0377,  
71.9549

414.5040,  
435.7063, 486.3579

■ 43.6840, 45.8717,  
52.6352

103.9644,  
109.2239, 123.6995

■ 30.6190, 32.1446,  
37.1259

132.3042,  
139.0129, 156.9616

■ 20.4593, 21.4720,  
25.0085

165.3761,  
173.7784, 195.7081

■ 12.8396, 13.4694,  
15.8643

203.5453,  
213.9047, 240.3578

■ 7.3944, 7.7526,  
9.2748

247.1774,  
259.7762, 291.3290

■ 3.7585, 3.9370,  
4.8216

296.6376,

■ 1.5664, 1.6384,

311.7774, 349.0405

2.0861

352.2914,  
370.2926, 413.9106

■ 0.3704, 0.3833,  
0.6075

■ 0.0000, 0.0000,  
0.0000

■ 60.0197, 63.0377,  
71.9549

■ 60.0197, 63.0377,  
71.9549

■ 50.9722, 53.1337,  
70.5210

■ 70.2275, 74.0709,  
73.5475

■ 43.0376, 44.3144,  
69.2370

■ 81.6300, 86.2597,  
75.2992

■ 36.1732, 36.5441,  
68.0989

■ 88.5701, 96.7035,  
76.9492

■ 30.3313, 29.7820,  
67.1016

■ 89.0104, 97.5842,  
77.0960

■ 25.4606, 23.9846,  
66.2393

■ 21.5051, 19.1051,  
65.5059

■ 18.4025, 15.0920,  
64.8949

■ 16.0823, 11.8884,  
64.3988

■ 14.4607, 9.4289,  
64.0095

# Harmonies

## Analogous

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



59.4369, 63.0377, 71.6578



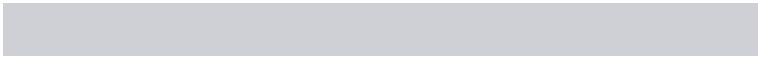
60.0197, 63.0377, 71.9549



60.5782, 63.0377, 71.3511

# Triad

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



60.0197, 63.0377, 71.9549



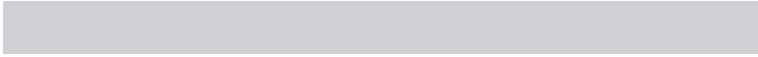
60.8557, 63.0377, 66.7635



58.8819, 63.0377, 67.2722

# Complementary

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



60.0197, 63.0377, 71.9549



61.8754, 65.1901, 67.7151

# 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.



59.2575, 63.0377, 65.9932



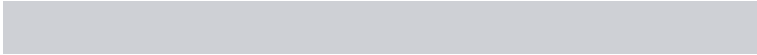
60.0197, 63.0377, 71.9549



60.3966, 63.0377, 65.7030

# Square

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



60.0197, 63.0377, 71.9549



61.0629, 63.0377, 68.3394



59.8113, 63.0377, 65.4234



58.7824, 63.0377, 68.9362



# Rectangle

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



60.0197, 63.0377, 71.9549



60.8608, 63.0377, 70.5248



59.8113, 63.0377, 65.4234



58.9799, 63.0377, 66.7839

# Sweetspot

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



60.0215, 63.0404, 71.9563



93.5402, 98.3638, 108.6638



60.9941, 65.4094, 70.9738



20.0374, 21.0712, 23.2610



0.0000, 0.0000, 0.0000

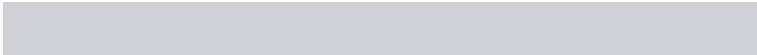


20.3446, 21.4041, 23.3091

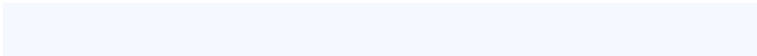


# Same Dimension

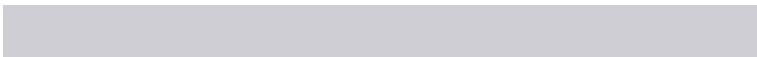
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.0215, 63.0404, 71.9563



89.1177, 93.5591, 107.9694



59.9265, 62.2707, 71.8127



12.9877, 13.6294, 15.8837



8.4307, 5.1231, 38.9977



0.5790, 0.4500, 2.3756

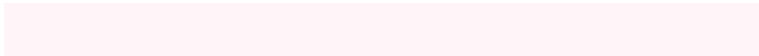


# Inverse Universe

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



60.8984, 62.8439, 68.5982



90.7317, 93.2038, 101.7871



61.9720, 65.9834, 67.8632



13.2639, 13.5696, 14.8253



17.3143, 8.8620, 3.6931

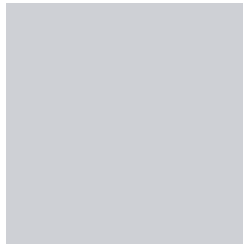


1.0799, 0.5487, 0.4101



# Previews

## White Background



This preview shows how the XYZ color 60.0197, 63.0377, 71.9549 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

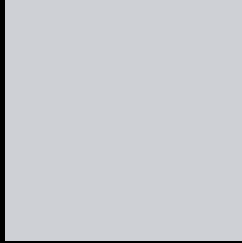
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.0197, 63.0377, 71.9549 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

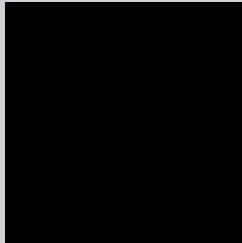
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

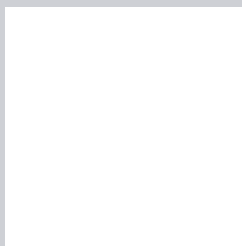
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 60.0197, 63.0377, 71.9549**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.0197, 63.0377, 71.9549.



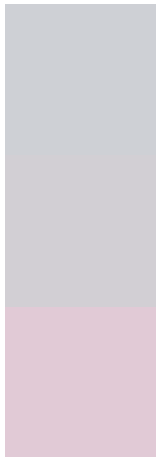
This preview shows how white text looks on a background with the XYZ color 60.0197, 63.0377,



# 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

60.0197, 63.0377, 71.9549

### Protanopia

60.7748, 63.0808, 71.2600

### Deuteranopia

64.3095, 63.1037, 72.4091



## **Tritanopia**

61.4030, 62.8802, 78.7128

# Trichromacy



## Original Color

60.0197, 63.0377, 71.9549

## Protanomaly

60.4910, 62.9344, 71.2467

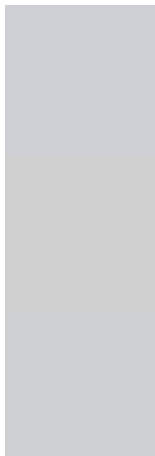
## Deuteranomaly

62.6439, 62.9462, 72.4665

## Tritanomaly

60.8311, 63.0055, 75.9730

# Monochromacy



## Original Color

60.0197, 63.0377, 71.9549

## Achromatopsia

59.9535, 63.0757, 68.6895

## Achromatomaly

59.9209, 63.0303, 69.9807

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.0197, 63.0377, 71.9549 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(206, 208, 213) looks like.

```
.text, #text, p{  
    color:rgb(206, 208, 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(206, 208, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 208, 213) }
```

## Border

The CSS property to change the border of an element to XYZ 60.0197, 63.0377, 71.9549 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(206, 208, 213) }
```



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

```
.border{ border-color:rgb(206, 208, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 208, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 208, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 208, 213);  
box-shadow:4px 4px 4px 4px rgb(206, 208,  
213) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.0197, 63.0377, 71.9549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 208, 213) }
```

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

```
.background{ background-color: rgb(206,  
208, 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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