

# Converting Colors

XYZ(60.0643, 63.3525, 73.9863)

Have a look what the booklet for  
XYZ(60.0643, 63.3525, 73.9863)  
contains.

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# Color

**XYZ(60.0970, 63.3962,  
74.0350)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCD1D8
RGB	204, 209, 216
RGB Percent	80%, 82%, 85%
CMY	0.2000, 0.1804, 0.1529
CMYK	0.06, 0.03, 0.00, 0.15
HSL	215°, 13%, 82%
HSV	215°, 6%, 85%
XYZ	60.0970, 63.3962, 74.0350
YIQ	208.3030, -5.2270, 1.1170

# Conversions

## Conversions Part 2

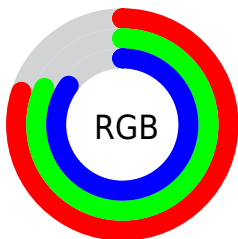
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	204, 208, 216
Decimal	13423064
CIE Lab	83.65, -0.38, -4.06
CIE LCh	84, 4.075, 264.670
Yxy	63.3962, 0.3042, 0.3209
Android (android.graphics.Color)	4291613144 (0xFFCCD1D8)
YUV	208.3030, 3.7946, -3.7737
Hunter-Lab	79.6217, -4.6096, 0.6053

# Details

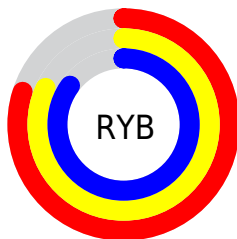
The XYZ color **60.0970, 63.3962, 74.0350** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.5124, 65.5465, 66.4848**, and the grayscale version is **60.1309, 63.2624, 68.8928**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7320, 32.4999, 38.3716** is the 20% darker color. If you saturate the color by 10%, you get **51.6140, 54.6174, 72.7886**, and if you desaturate by 10%, it is **69.6491, 73.0922, 75.4040**.

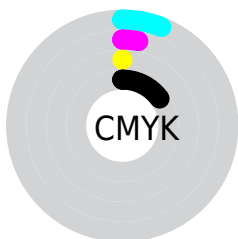
# Distribution



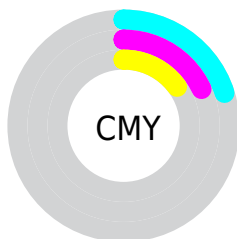
- Red (80%)
- Green (82%)
- Blue (85%)



- Red (80%)
- Yellow (82%)
- Blue (85%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (18%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0970, 63.3962, 74.0350 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 60.0970, 63.3962, 74.0350 by changing the saturation by 10% instead.



■ 60.0970, 63.3962,  
74.0350

■ 60.0970, 63.3962,  
74.0350

414.7842,  
437.0060, 493.7608

■ 43.7466, 46.1618,  
54.3257

104.0759,  
109.7409, 126.6799

■ 30.6684, 32.3735,  
38.4672

132.4351,  
139.6200, 160.4526

■ 20.4971, 21.6470,  
26.0408

165.5280,  
174.4828, 199.7503

■ 12.8672, 13.5977,  
16.6282

203.7198,  
214.7137, 244.9913

■ 7.4135, 7.8414,  
9.8106

247.3760,  
260.6970, 296.5944

■ 3.7707, 3.9936,  
5.1696

296.8619,

■ 1.5732, 1.6700,

312.8173, 354.9779

2.2866

352.5429,  
371.4588, 420.5606

■ 0.3749, 0.4041,  
0.7237

■ 0.0000, 0.0000,  
0.0000

■ 60.0970, 63.3962,  
74.0350

■ 60.0970, 63.3962,  
74.0350

■ 51.6140, 54.6174,  
72.7886

■ 69.6491, 73.0922,  
75.4040

■ 44.1552, 46.7193,  
71.6572

■ 80.3017, 83.7245,  
76.8948

■ 37.6810, 39.6743,  
70.6386

■ 86.8306, 92.6094,  
78.2657

■ 32.1464, 33.4503,  
69.7290

■ 89.3949, 97.7379,  
79.1204

■ 27.5030, 28.0132,  
68.9243

■ 23.6978, 23.3257,  
68.2200

■ 20.6713, 19.3469,  
67.6116

■ 18.3552, 16.0308,  
67.0936

■ 16.6668, 13.3234,  
66.6600

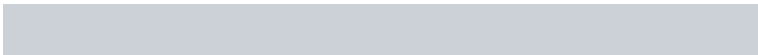
# Harmonies

## Analogous

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



59.2698, 63.3962, 73.1132



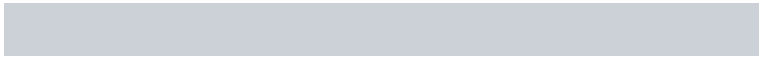
60.0970, 63.3962, 74.0350



60.9749, 63.3962, 73.5884

# Triad

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



60.0970, 63.3962, 74.0350



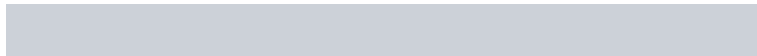
61.8283, 63.3962, 66.9976



58.8677, 63.3962, 66.2259

# Complementary

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



60.0970, 63.3962, 74.0350



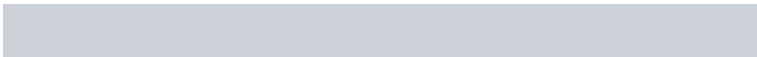
62.5124, 65.5465, 66.4848

# 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.



59.5431, 63.3962, 64.6594



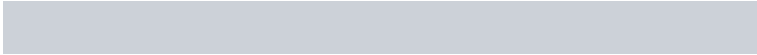
60.0970, 63.3962, 74.0350



61.2535, 63.3962, 65.0972

# Square

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



60.0970, 63.3962, 74.0350



61.9801, 63.3962, 69.4850



60.4157, 63.3962, 64.2514

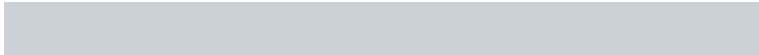


58.5645, 63.3962, 68.5724

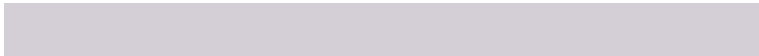


# Rectangle

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



60.0970, 63.3962, 74.0350



61.4701, 63.3962, 72.5803



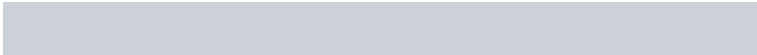
60.4157, 63.3962, 64.2514



59.0584, 63.3962, 65.5929

# Sweetspot

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



60.0988, 63.3989, 74.0364



92.2572, 97.1629, 108.4996



61.1915, 66.6433, 71.1360



19.7761, 20.8267, 23.2276



0.0000, 0.0000, 0.0000

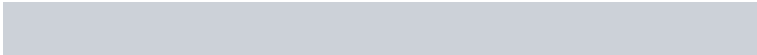


20.3446, 21.4041, 23.3091

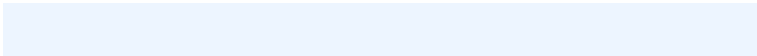


# Same Dimension

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



60.0988, 63.3989, 74.0364



85.5544, 90.3088, 107.5299



59.1103, 61.0954, 73.6439



12.5153, 13.2133, 15.8283



9.6046, 7.4710, 39.3890



0.6600, 0.6120, 2.4027



# Inverse Universe

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



61.4218, 62.3894, 69.1299



87.9869, 88.4830, 98.5019



63.5391, 67.9498, 66.8945



12.8965, 12.9286, 14.4133



17.9068, 9.0990, 6.8133

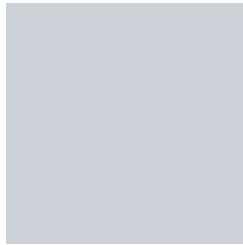


1.1208, 0.5651, 0.6255



# Previews

## White Background



This preview shows how the XYZ color 60.0970, 63.3962, 74.0350 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

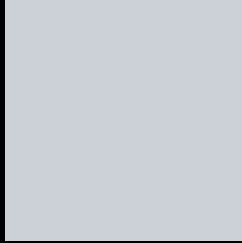
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.0970, 63.3962, 74.0350 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

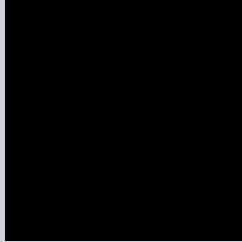
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

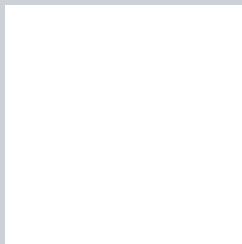
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 60.0970, 63.3962, 74.0350

## Background



This preview shows how black text looks on a background with the XYZ color 60.0970, 63.3962, 74.0350.



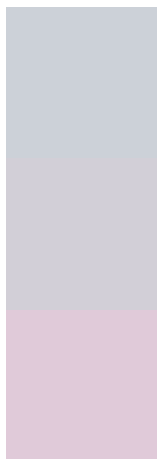
This preview shows how white text looks on a background with the XYZ color 60.0970, 63.3962,



# 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

60.0970, 63.3962, 74.0350

### Protanopia

61.1569, 63.2336, 73.2720

### Deuteranopia

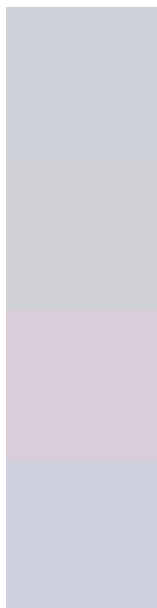
64.3854, 63.0981, 74.4313



## Tritanopia

61.1873, 63.4727, 79.5476

# Trichromacy



## Original Color

60.0970, 63.3962, 74.0350

## Protanomaly

60.8340, 63.4279, 73.3265

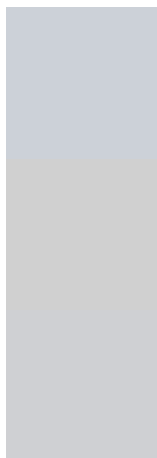
## Deuteranomaly

62.9710, 63.4241, 74.5688

## Tritanomaly

60.7839, 63.3113, 77.4233

# Monochromacy



## Original Color

60.0970, 63.3962, 74.0350

## Achromatopsia

59.9535, 63.0757, 68.6895

## Achromatomaly

60.0459, 63.0803, 70.6390

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.0970, 63.3962, 74.0350 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(204, 209, 216) looks like.

```
.text, #text, p{  
    color:rgb(204, 209, 216)  
}
```

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(204, 209, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 209, 216) }
```

## Border

The CSS property to change the border of an element to XYZ 60.0970, 63.3962, 74.0350 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(204, 209, 216) }
```



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

```
.border{ border-color:rgb(204, 209, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 209, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 209, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 209, 216);  
box-shadow:4px 4px 4px 4px rgb(204, 209,  
216) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.0970, 63.3962, 74.0350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 209, 216) }
```

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

```
.background{ background-color: rgb(204,  
209, 216) }
```

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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