

Converting Colors

XYZ(60.5935, 63.9570, 76.8615)

Have a look what the booklet for
XYZ(60.5935, 63.9570, 76.8615)
contains.

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Color

**XYZ(60.5935, 63.9570,
76.8615)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD2DC
RGB	203, 210, 220
RGB Percent	80%, 82%, 86%
CMY	0.2039, 0.1765, 0.1372
CMYK	0.08, 0.05, 0.00, 0.14
HSL	215°, 20%, 83%
HSV	215°, 8%, 86%
XYZ	60.5935, 63.9570, 76.8615
YIQ	209.0470, -7.3820, 1.6260

Conversions

Conversions Part 2

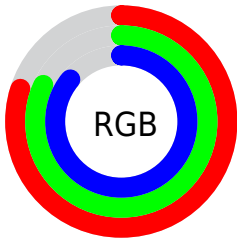
Format	Color
R _Y B	203, 208, 220
Decimal	13357788
CIE Lab	83.94, -0.46, -5.76
CIE LCh	84, 5.781, 265.409
Yxy	63.9570, 0.3008, 0.3175
Android (android.graphics.Color)	4291547868 (0xFFCBD2DC)
YUV	209.0470, 5.3998, -5.3032
Hunter-Lab	79.9731, -4.7083, -1.0019

Details

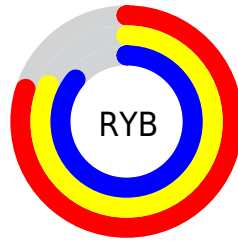
The XYZ color **60.5935, 63.9570, 76.8615** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.0893, 67.1156, 66.0779**, and the grayscale version is **60.6059, 63.7621, 69.4369**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.0744, 32.8831, 40.3066** is the 20% darker color. If you saturate the color by 10%, you get **51.9565, 54.9545, 75.5800**, and if you desaturate by 10%, it is **70.3427, 73.9197, 78.2716**.

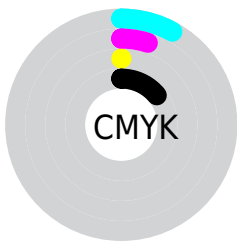
Distribution



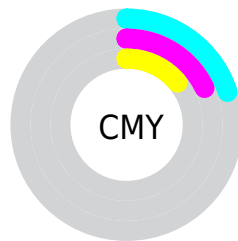
- Red (80%)
- Green (82%)
- Blue (86%)



- Red (80%)
- Yellow (82%)
- Blue (86%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5935, 63.9570, 76.8615 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 60.5935, 63.9570, 76.8615 by changing the saturation by 10% instead.

■ 60.5935, 63.9570,
76.8615

■ 60.5935, 63.9570,
76.8615

416.5817,
439.0343, 503.7168

■ 44.1485, 46.6158,
56.6283

104.7916,
110.5490, 130.7152

■ 30.9857, 32.7321,
40.2995

133.2754,
140.5687, 165.1728

■ 20.7397, 21.9213,
27.4566

166.5028,
175.5832, 205.2089

■ 13.0452, 13.7991,
17.6810

204.8392,
215.9772, 251.2421

■ 7.5369, 7.9810,
10.5541

248.6499,
262.1349, 303.6910

■ 3.8494, 4.0828,
5.6575

298.3003,

■ 1.6173, 1.7200,

314.4407, 362.9740

2.5726

354.1558,
373.2791, 429.5098

■ 0.4036, 0.4366,
0.8782

■ 0.0000, 0.0000,
0.0000

■ 60.5935, 63.9570,
76.8615

■ 60.5935, 63.9570,
76.8615

■ 51.9565, 54.9545,
75.5800

■ 70.3427, 73.9197,
78.2716

■ 44.3844, 46.8735,
74.4194

■ 81.2378, 84.8635,
79.8098

■ 37.8346, 39.6845,
73.3770

■ 87.9776, 94.0656,
81.2307

■ 32.2593, 33.3532,
72.4487

■ 89.9185, 97.9474,
81.8777

■ 27.6068, 27.8427,
71.6303

■ 23.8200, 23.1130,
70.9170

■ 20.8348, 19.1198,
70.3035

■ 18.5768, 15.8130,
69.7843

■ 16.9455, 13.1285,
69.3521

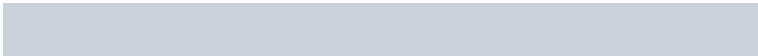
Harmonies

Analogous

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



59.4103, 63.9570, 75.5694



60.5935, 63.9570, 76.8615



61.8454, 63.9570, 76.1635

Triad

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



60.5935, 63.9570, 76.8615



63.0269, 63.9570, 66.6739



58.7966, 63.9570, 65.7342

Complementary

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



60.5935, 63.9570, 76.8615



64.0893, 67.1156, 66.0779

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.



59.7451, 63.9570, 63.4968



60.5935, 63.9570, 76.8615



62.1893, 63.9570, 64.0259

Square

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



60.5935, 63.9570, 76.8615



63.2616, 63.9570, 70.2009



60.9853, 63.9570, 62.8824



58.3821, 63.9570, 69.0787

Rectangle

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



60.5935, 63.9570, 76.8615



62.5489, 63.9570, 74.6761



60.9853, 63.9570, 62.8824



59.0629, 63.9570, 64.8324

Sweetspot

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



60.5954, 63.9597, 76.8629



92.2492, 97.1469, 108.4969



62.2226, 68.6839, 72.8743



19.7745, 20.8234, 23.2270



0.0000, 0.0000, 0.0000



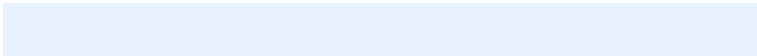
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5954, 63.9597, 76.8629



82.9497, 87.5936, 107.1431



59.2916, 60.7768, 76.3173



12.7770, 13.4938, 16.5833



9.8623, 7.5941, 40.6844



0.7225, 0.6591, 2.6636

Inverse Universe

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



62.5055, 62.5820, 69.7610



86.0633, 85.3824, 95.5588



65.4620, 70.4948, 66.6578



13.2773, 13.1400, 14.7217



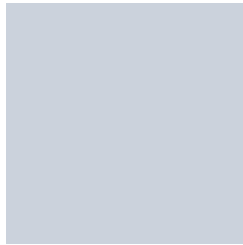
18.4734, 9.3904, 6.8728



1.2390, 0.6252, 0.6674

Previews

White Background



This preview shows how the XYZ color 60.5935, 63.9570, 76.8615 looks on a white background.

Color Contrast Check

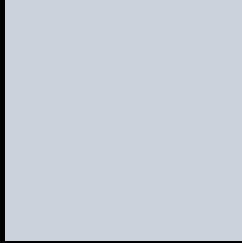
Large Text (above 18pt) WCAG AA × Fail

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 60.5935, 63.9570, 76.8615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

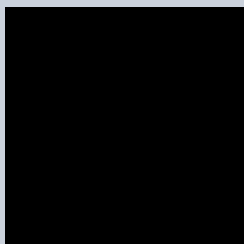
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

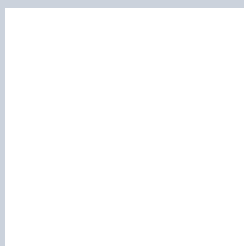
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5935, 63.9570, 76.8615

Background



This preview shows how black text looks on a background with the XYZ color 60.5935, 63.9570, 76.8615.

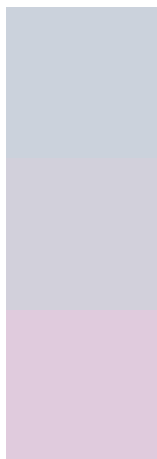


This preview shows how white text looks on a background with the XYZ color 60.5935, 63.9570,

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

60.5935, 63.9570, 76.8615

Protanopia

61.9204, 63.9279, 76.0936

Deuteranopia

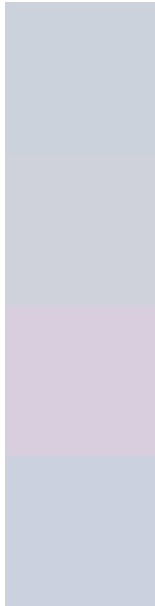
65.1476, 63.7796, 77.2837



Tritanopia

61.4298, 63.9293, 81.0534

Trichromacy



Original Color

60.5935, 63.9570, 76.8615

Protanomaly

61.3188, 63.9808, 76.1355

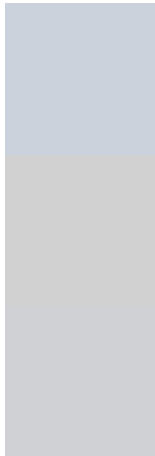
Deuteranomaly

63.4414, 63.9620, 77.4088

Tritanomaly

61.1568, 63.8201, 79.6162

Monochromacy



Original Color

60.5935, 63.9570, 76.8615

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.5428, 63.6704, 72.0495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5935, 63.9570, 76.8615 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(203, 210, 220)` looks like.

```
.text, #text, p{  
    color:rgb(203, 210, 220)  
}
```

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(203, 210, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 210, 220) }
```

Border

The CSS property to change the border of an element to XYZ 60.5935, 63.9570, 76.8615 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(203, 210, 220) }
```


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

```
.border{ border-color:rgb(203, 210, 220) }
```

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

Here you see how a box with a 4 pixel rgb(203, 210, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 210, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 210, 220);  
box-shadow:4px 4px 4px 4px rgb(203, 210,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5935, 63.9570, 76.8615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 210, 220) }
```

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

```
.background{ background-color: rgb(203,  
210, 220) }
```

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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