

Converting Colors

XYZ(60.7067, 66.0747, 76.4278)

Have a look what the booklet for
XYZ(60.7067, 66.0747, 76.4278)
contains.

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Color

**XYZ(60.6398, 65.8575,
76.5335)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D7DB
RGB	199, 215, 219
RGB Percent	78%, 84%, 86%
CMY	0.2196, 0.1568, 0.1412
CMYK	0.09, 0.02, 0.00, 0.14
HSL	192°, 22%, 82%
HSV	192°, 9%, 86%
XYZ	60.6398, 65.8575, 76.5335
YIQ	210.6720, -10.8200, -2.1480

Conversions

Conversions Part 2

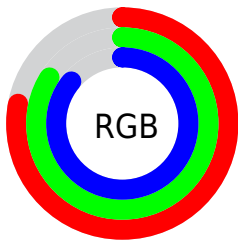
Format	Color
R _Y B	199, 208, 219
Decimal	13096923
CIE Lab	84.92, -4.58, -3.82
CIE LCh	85, 5.962, 219.832
Yxy	65.8575, 0.2987, 0.3244
Android (android.graphics.Color)	4291287003 (0xFFC7D7DB)
YUV	210.6720, 4.1057, -10.2363
Hunter-Lab	81.1526, -8.6363, 0.8916

Details

The XYZ color **60.6398, 65.8575, 76.5335** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8784, 61.8949, 62.7722**, and the grayscale version is **61.6810, 64.8932, 70.6687**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.9487, 33.8417, 40.0229** is the 20% darker color. If you saturate the color by 10%, you get **54.1431, 60.8778, 75.9158**, and if you desaturate by 10%, it is **68.0064, 71.3335, 77.2032**.

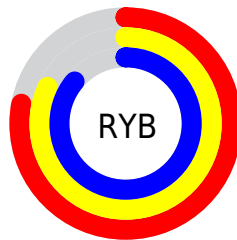
Distribution



Red (78%)

Green (84%)

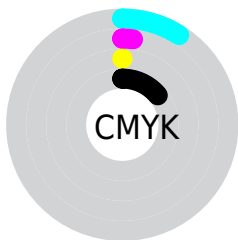
Blue (86%)



Red (78%)

Yellow (82%)

Blue (86%)

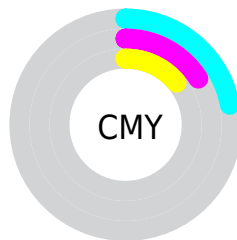


Cyan (9%)

Magenta (2%)

Yellow (0%)

Black (14%)



Cyan (22%)

Magenta (16%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6398, 65.8575, 76.5335 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 60.6398, 65.8575, 76.5335 by changing the saturation by 10% instead.

■ 60.6398, 65.8575,
76.5335

■ 60.6398, 65.8575,
76.5335

416.7491,
445.8671, 502.5674

■ 44.1860, 48.1567,
56.3608

104.8583,
113.2818, 130.2477

■ 31.0153, 33.9510,
40.0863

133.3537,
143.7741, 164.6264

■ 20.7624, 22.8560,
27.2916

166.5936,
179.2990, 204.5774

■ 13.0619, 14.4872,
17.5580

204.9435,
220.2410, 250.5194

■ 7.5485, 8.4603,
10.4669

248.7686,
266.9844, 302.8708

■ 3.8568, 4.3909,
5.6000

298.4343,

■ 1.6214, 1.8945,

319.9136, 362.0503

2.5386

354.3060,
379.4130, 428.4763

■ 0.4063, 0.5451,
0.8605

■ 0.0000, 0.0000,
0.0000

■ 60.6398, 65.8575,
76.5335

■ 60.6398, 65.8575,
76.5335

■ 54.1431, 60.8778,
75.9158

■ 68.0064, 71.3335,
77.2032

■ 48.4747, 56.3673,
75.3439

■ 76.2707, 77.3151,
77.9222

■ 43.5983, 52.3086,
74.8175

■ 81.8066, 81.9350,
78.5222

■ 39.4724, 48.6800,
74.3346

■ 83.0268, 84.3753,
78.9289

■ 36.0517, 45.4578,
73.8929

■ 84.2777, 86.8771,
79.3459

■ 33.2858, 42.6157,
73.4901

■ 85.5595, 89.4407,
79.7731

■ 31.1173, 40.1238,
73.1234

■ 86.8724, 92.0666,
80.2108

■ 29.4785, 37.9467,
72.7896

■ 88.2167, 94.7552,
80.6589

■ 28.2608, 36.0280,
72.4834

■ 89.5925, 97.5069,
81.1175

Harmonies

Analogous

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



60.0937, 65.8575, 72.9736



60.6398, 65.8575, 76.5335



61.7124, 65.8575, 78.8518

Triad

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



60.6398, 65.8575, 76.5335



65.0428, 65.8575, 74.2792



62.1571, 65.8575, 64.6871

Complementary

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



60.6398, 65.8575, 76.5335



60.8784, 61.8949, 62.7722

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.



63.4872, 65.8575, 65.0086



60.6398, 65.8575, 76.5335



65.1660, 65.8575, 70.4563

Square

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



60.6398, 65.8575, 76.5335



64.2587, 65.8575, 77.5184



64.5930, 65.8575, 67.0890



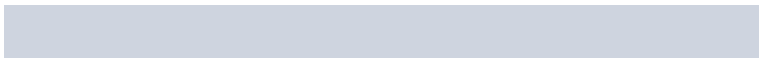
60.9614, 65.8575, 66.1947

Rectangle

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



60.6398, 65.8575, 76.5335



62.5880, 65.8575, 79.3342



64.5930, 65.8575, 67.0890



62.6031, 65.8575, 64.5861

Sweetspot

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



60.6417, 65.8603, 76.5350



91.8056, 97.6064, 108.6090



59.6255, 67.1021, 66.1023



19.4687, 20.7572, 23.2304



0.0000, 0.0000, 0.0000



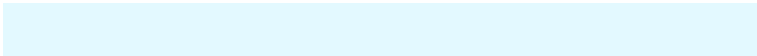
20.3446, 21.4041, 23.3091

Same Dimension

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



60.6417, 65.8603, 76.5350



83.7106, 91.5384, 107.8644



58.2515, 61.0800, 75.7382



13.2124, 14.3645, 16.7284



16.7780, 21.4255, 42.9896



1.1443, 1.5027, 2.8042

Inverse Universe

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



61.9040, 60.8145, 72.7690



85.8560, 83.0350, 101.4480



63.2337, 66.6056, 63.5573



13.4971, 13.2279, 15.8787



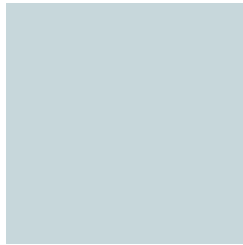
21.9641, 10.7867, 25.2547



1.4519, 0.7104, 1.7885

Previews

White Background



This preview shows how the XYZ color 60.6398, 65.8575, 76.5335 looks on a white background.

Color Contrast Check

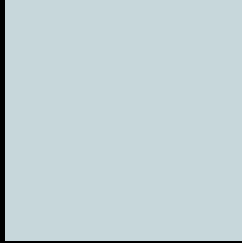
Large Text (above 18pt) WCAG AA × Fail

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 60.6398, 65.8575, 76.5335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

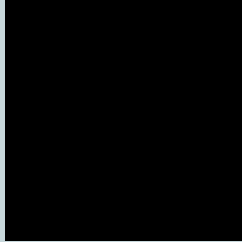
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

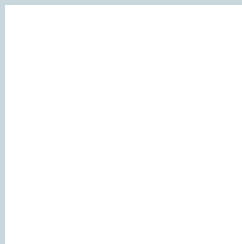
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.6398, 65.8575, 76.5335

Background



This preview shows how black text looks on a background with the XYZ color 60.6398, 65.8575, 76.5335.

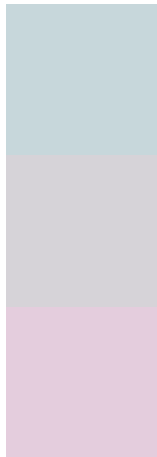


This preview shows how white text looks on a background with the XYZ color 60.6398, 65.8575,

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

60.6398, 65.8575, 76.5335

Protanopia

63.4205, 65.8425, 74.3320

Deuteranopia

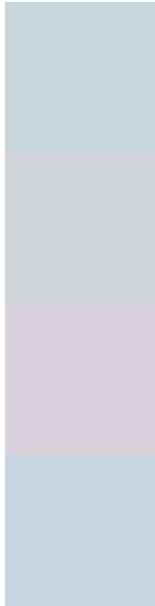
66.8774, 65.3771, 77.5008



Tritanopia

62.1646, 65.7192, 84.2716

Trichromacy



Original Color

60.6398, 65.8575, 76.5335

Protanomaly

62.3624, 65.6520, 75.0309

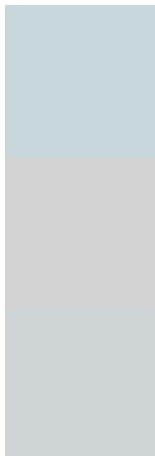
Deuteranomaly

64.3340, 65.5199, 76.9660

Tritanomaly

61.5935, 65.8635, 81.4181

Monochromacy



Original Color

60.6398, 65.8575, 76.5335

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.4132, 65.2074, 72.9678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6398, 65.8575, 76.5335 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(199, 215, 219)` looks like.

```
.text, #text, p{  
    color:rgb(199, 215, 219)  
}
```

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(199, 215, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 215, 219) }
```

Border

The CSS property to change the border of an element to XYZ 60.6398, 65.8575, 76.5335 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(199, 215, 219) }
```


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

```
.border{ border-color:rgb(199, 215, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 215, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 215, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 215, 219); box-shadow:4px 4px 4px 4px rgb(199, 215, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6398, 65.8575, 76.5335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 215, 219) }
```

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

```
.background{ background-color: rgb(199,  
215, 219) }
```

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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