

Converting Colors

XYZ(60.5106, 63.6299, 77.7136)

Have a look what the booklet for
XYZ(60.5106, 63.6299, 77.7136)
contains.

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Color

**XYZ(60.4802, 63.5179,
77.4791)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD1DD
RGB	203, 209, 221
RGB Percent	80%, 82%, 87%
CMY	0.2039, 0.1804, 0.1333
CMYK	0.08, 0.05, 0.00, 0.13
HSL	220°, 21%, 83%
HSV	220°, 8%, 87%
XYZ	60.4802, 63.5179, 77.4791
YIQ	208.5740, -7.4280, 2.4600

Conversions

Conversions Part 2

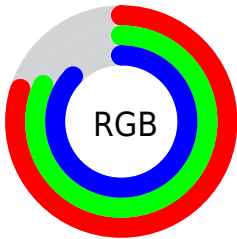
Format	Color
R _Y B	203, 208, 221
Decimal	13357533
CIE Lab	83.71, 0.26, -6.63
CIE LCh	84, 6.639, 272.218
Yxy	63.5179, 0.3002, 0.3153
Android (android.graphics.Color)	4291547613 (0xFFCBD1DD)
YUV	208.5740, 6.1260, -4.8884
Hunter-Lab	79.6981, -4.0141, -1.8505

Details

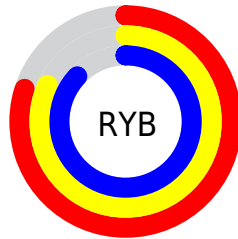
The XYZ color **60.4802, 63.5179, 77.4791** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.8989, 68.2842, 66.2607**, and the grayscale version is **60.2933, 63.4332, 69.0788**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.9987, 32.5854, 40.7322** is the 20% darker color. If you saturate the color by 10%, you get **51.4374, 53.7386, 76.0691**, and if you desaturate by 10%, it is **70.7187, 74.4131, 79.0434**.

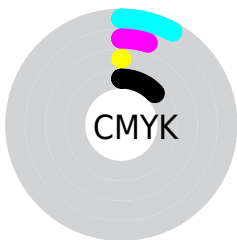
Distribution



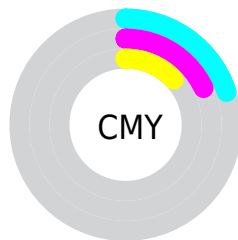
- Red (80%)
- Green (82%)
- Blue (87%)



- Red (80%)
- Yellow (82%)
- Blue (87%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4802, 63.5179, 77.4791 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 60.4802, 63.5179, 77.4791 by changing the saturation by 10% instead.

■ 60.4802, 63.5179,
77.4791

■ 60.4802, 63.5179,
77.4791

416.1719,
437.4466, 505.8770

■ 44.0567, 46.2603,
57.1323

104.6283,
109.9163, 131.5947

■ 30.9132, 32.4513,
40.7014

133.0837,
139.8260, 166.2006

■ 20.6843, 21.7064,
27.7679

166.2805,
174.7218, 206.3966

■ 13.0046, 13.6413,
17.9132

204.5839,
214.9881, 252.6012

■ 7.5087, 7.8716,
10.7189

248.3594,
261.0093, 305.2330

■ 3.8314, 4.0129,
5.7664

297.9724,

■ 1.6072, 1.6808,

313.1699, 364.7106

2.6371

353.7881,
371.8542, 431.4524

■ 0.3971, 0.4112,
0.9115

■ 0.0000, 0.0000,
0.0000

■ 60.4802, 63.5179,
77.4791

■ 60.4802, 63.5179,
77.4791

■ 51.4374, 53.7386,
76.0691

■ 70.7187, 74.4131,
79.0434

■ 43.5398, 45.0306,
74.8045

■ 82.1901, 86.4509,
80.7624

■ 36.7410, 37.3577,
73.6819

■ 89.4777, 96.8532,
82.3861

■ 30.9894, 30.6788,
72.6958

■ 90.0513, 98.0005,
82.5773

■ 26.2291, 24.9496,
71.8409

■ 22.3984, 20.1220,
71.1110

■ 19.4280, 16.1434,
70.4996

■ 17.2380, 12.9539,
69.9994

■ 15.7175, 10.4766,
69.6013

Harmonies

Analogous

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



59.0773, 63.5179, 76.4936



60.4802, 63.5179, 77.4791



61.8757, 63.5179, 76.1624

Triad

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



60.4802, 63.5179, 77.4791



62.7697, 63.5179, 64.9760



57.9304, 63.5179, 65.4926

Complementary

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



60.4802, 63.5179, 77.4791



64.8989, 68.2842, 66.2607

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.



58.8926, 63.5179, 62.6009



60.4802, 63.5179, 77.4791



61.6852, 63.5179, 62.3112

Square

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



60.4802, 63.5179, 77.4791



63.2107, 63.5179, 68.8506



60.2636, 63.5179, 61.4591



57.6193, 63.5179, 69.4708

Rectangle

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



60.4802, 63.5179, 77.4791



62.6100, 63.5179, 74.1859



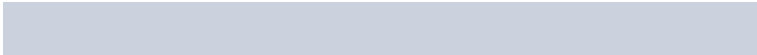
60.2636, 63.5179, 61.4591



58.1877, 63.5179, 64.3668

Sweetspot

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



60.4821, 63.5206, 77.4805



92.1237, 96.8959, 108.4551



62.7133, 69.3013, 74.1602



19.7490, 20.7723, 23.2185



0.0000, 0.0000, 0.0000



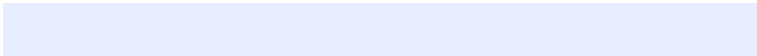
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4821, 63.5206, 77.4805



81.0987, 85.1121, 106.7617



59.7785, 61.0124, 77.0335



12.6917, 13.3232, 16.5548



9.0861, 6.0417, 40.4257



0.6664, 0.5469, 2.6449

Inverse Universe

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



62.6848, 62.6888, 69.1210



84.8311, 83.7490, 92.5865



65.6402, 70.9774, 66.7414



13.2343, 13.1228, 14.4949



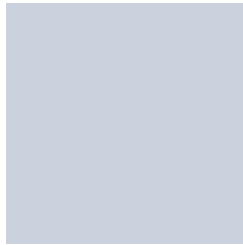
18.0816, 9.2337, 4.8097



1.2107, 0.6139, 0.5182

Previews

White Background



This preview shows how the XYZ color 60.4802, 63.5179, 77.4791 looks on a white background.

Color Contrast Check

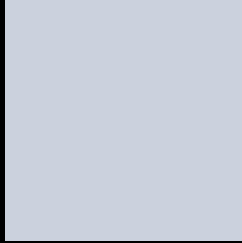
Large Text (above 18pt) WCAG AA × Fail

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 60.4802, 63.5179, 77.4791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

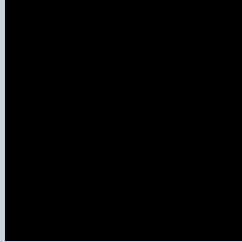
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

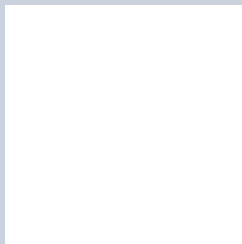
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4802, 63.5179, 77.4791

Background



This preview shows how black text looks on a background with the XYZ color 60.4802, 63.5179, 77.4791.

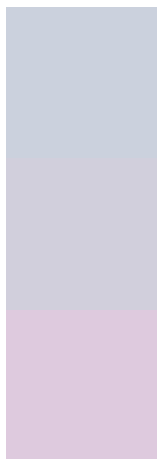


This preview shows how white text looks on a background with the XYZ color 60.4802, 63.5179,

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

60.4802, 63.5179, 77.4791

Protanopia

61.5256, 63.3483, 76.6948

Deuteranopia

64.4295, 63.0446, 77.8803



Tritanopia

61.0483, 63.3854, 80.2512

Trichromacy



Original Color

60.4802, 63.5179, 77.4791

Protanomaly

61.2063, 63.5445, 76.7495

Deuteranomaly

63.0405, 63.3836, 78.0189

Tritanomaly

60.9123, 63.3309, 79.5347

Monochromacy



Original Color

60.4802, 63.5179, 77.4791

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 60.4802, 63.5179, 77.4791 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, 209, 221)` looks like.

```
.text, #text, p{  
    color:rgb(203, 209, 221)  
}
```

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, 209, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 209, 221) }
```

Border

The CSS property to change the border of an element to XYZ 60.4802, 63.5179, 77.4791 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, 209, 221) }
```


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

```
.border{ border-color:rgb(203, 209, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 209, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 209, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 209, 221);  
box-shadow:4px 4px 4px 4px rgb(203, 209,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4802, 63.5179, 77.4791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 209, 221) }
```

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

```
.background{ background-color: rgb(203,  
209, 221) }
```

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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