

Converting Colors

XYZ(60.8827, 67.5133, 76.8403)

Have a look what the booklet for
XYZ(60.8827, 67.5133, 76.8403)
contains.

XYZ(60.8827, 67.5133, 76.8403)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.8827, 67.5133,
76.8403)**

Conversions

Conversions Part 1

Format	Color
Hex	C4DBDB
RGB	196, 219, 219
RGB Percent	77%, 86%, 86%
CMY	0.2314, 0.1412, 0.1412
CMYK	0.11, 0.00, 0.00, 0.14
HSL	180°, 24%, 81%
HSV	180°, 11%, 86%
XYZ	60.8827, 67.5133, 76.8403
YIQ	212.1230, -13.7080, -4.8760

Conversions

Conversions Part 2

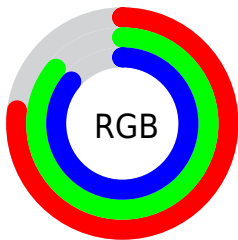
Format	Color
R _Y B	196, 208, 219
Decimal	12901339
CIE Lab	85.76, -7.62, -2.61
CIE LCh	86, 8.055, 198.907
Yxy	67.5133, 0.2966, 0.3290
Android (android.graphics.Color)	4291091419 (0xFFC4DBDB)
YUV	212.1230, 3.3904, -14.1399
Hunter-Lab	82.1665, -11.5286, 2.0698

Details

The XYZ color **60.8827, 67.5133, 76.8403** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9197, 58.5274, 60.4193**, and the grayscale version is **62.6474, 65.9099, 71.7759**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **31.1316, 34.9820, 40.2334** is the 20% darker color. If you saturate the color by 10%, you get **55.5969, 64.7903, 76.5922**, and if you desaturate by 10%, it is **67.0039, 70.6707, 77.1303**.

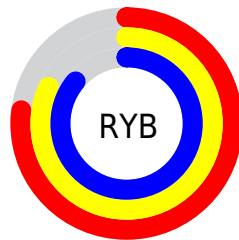
Distribution



Red (77%)

Green (86%)

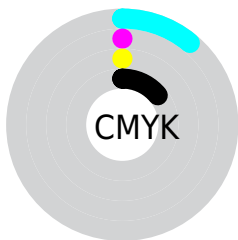
Blue (86%)



Red (77%)

Yellow (82%)

Blue (86%)

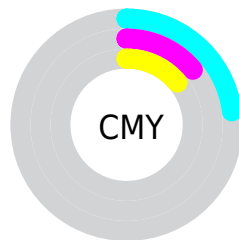


Cyan (11%)

Magenta (0%)

Yellow (0%)

Black (14%)



Cyan (23%)

Magenta (14%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8827, 67.5133, 76.8403 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 60.8827, 67.5133, 76.8403 by changing the saturation by 10% instead.

60.8827, 67.5133,
76.8403

60.8827, 67.5133,
76.8403

417.6266,
451.7697, 503.6426

44.3827, 49.5019,
56.6110

105.2082,
115.6556, 130.6850

31.1707, 35.0178,
40.2858

133.7643,
146.5553, 165.1375

20.8813, 23.6766,
27.4459

167.0699,
182.5199, 205.1681

13.1492, 15.0939,
17.6730

205.4902,
223.9337, 251.1954

7.6091, 8.8853,
10.5485

249.3907,
271.1812, 303.6380

3.8955, 4.6664,
5.6538

299.1367,

1.6432, 2.0529,

324.6468, 362.9144

2.5704

355.0935,
384.7148, 429.4430

■ 0.4203, 0.6379,
0.8771

■ 0.0000, 0.0000,
0.0000

■ 60.8827, 67.5133,
76.8403

■ 60.8827, 67.5133,
76.8403

■ 55.5969, 64.7903,
76.5922

■ 67.0039, 70.6707,
77.1303

■ 51.1049, 62.4746,
76.3798

■ 73.9883, 74.2712,
77.4594

■ 47.3700, 60.5492,
76.2028

■ 79.3604, 77.0406,
77.7130

■ 44.3506, 58.9927,
76.0593

■ 79.3608, 77.0408,
77.7152

■ 42.0010, 57.7815,
75.9472

■ 79.3612, 77.0409,
77.7174

■ 40.2702, 56.8893,
75.8640

■ 79.3616, 77.0411,
77.7195

■ 39.0999, 56.2860,
75.8071

■ 79.3621, 77.0413,
77.7217

■ 38.4208, 55.9360,
75.7731

■ 79.3625, 77.0414,
77.7239

■ 38.1154, 55.7786,
75.7568

■ 79.3629, 77.0416,
77.7261

Harmonies

Analogous

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



60.7624, 67.5133, 71.5798



60.8827, 67.5133, 76.8403



61.8737, 67.5133, 81.4079

Triad

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



60.8827, 67.5133, 76.8403



66.8707, 67.5133, 80.3679



64.8519, 67.5133, 64.0160

Complementary

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



60.8827, 67.5133, 76.8403



58.9197, 58.5274, 60.4193

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.



66.5211, 67.5133, 66.1412



60.8827, 67.5133, 76.8403



67.7014, 67.5133, 75.4757

Square

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



60.8827, 67.5133, 76.8403



65.3217, 67.5133, 83.5107



67.5722, 67.5133, 70.2783



63.0306, 67.5133, 64.3423

Rectangle

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



60.8827, 67.5133, 76.8403



62.9055, 67.5133, 83.3670



67.5722, 67.5133, 70.2783



65.4500, 67.5133, 64.4632

Sweetspot

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



60.8846, 67.5161, 76.8418



92.2911, 98.5778, 108.7700



58.1622, 66.4387, 61.9843



19.6003, 21.0204, 23.2740



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.



60.8846, 67.5161, 76.8418



83.8875, 94.2456, 108.3736



58.0806, 61.9073, 75.9093



13.4448, 14.8296, 16.8055



22.5996, 33.0724, 44.9182



1.4641, 2.1426, 2.9102

Inverse Universe

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



58.9197, 58.5274, 60.4193



80.4868, 78.6890, 79.9516



61.5208, 63.7303, 61.2845



13.0562, 13.0516, 13.5570



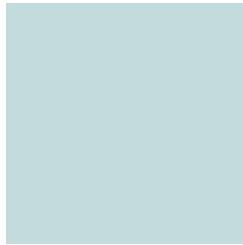
17.3223, 8.9300, 0.8114



1.1223, 0.5785, 0.0527

Previews

White Background



This preview shows how the XYZ color 60.8827, 67.5133, 76.8403 looks on a white background.

Color Contrast Check

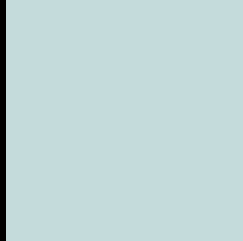
Large Text (above 18pt) WCAG AA × Fail

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 60.8827, 67.5133, 76.8403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

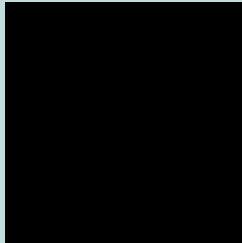
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

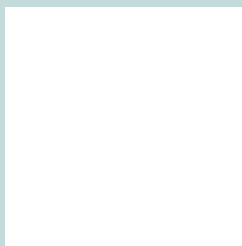
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8827, 67.5133, 76.8403

Background



This preview shows how black text looks on a background with the XYZ color 60.8827, 67.5133, 76.8403.

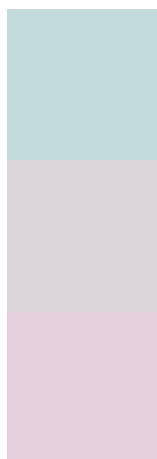


This preview shows how white text looks on a background with the XYZ color 60.8827, 67.5133,

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

60.8827, 67.5133, 76.8403

Protanopia

64.8042, 67.2981, 74.5400

Deuteranopia

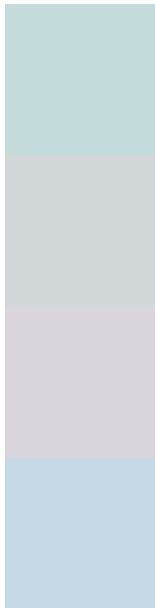
68.5620, 67.3211, 77.7873



Tritanopia

63.2173, 67.7083, 87.5790

Trichromacy



Original Color

60.8827, 67.5133, 76.8403

Protanomaly

63.1193, 67.1659, 75.2832

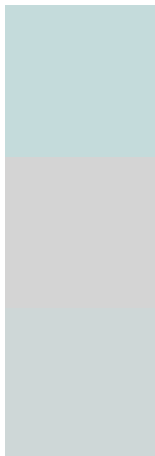
Deuteranomaly

65.3752, 67.1597, 77.2276

Tritanomaly

62.5030, 67.8057, 83.9223

Monochromacy



Original Color

60.8827, 67.5133, 76.8403

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.0198, 66.6290, 73.8819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8827, 67.5133, 76.8403 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(196, 219, 219)` looks like.

```
.text, #text, p{  
    color:rgb(196, 219, 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(196, 219, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 219, 219) }
```

Border

The CSS property to change the border of an element to XYZ 60.8827, 67.5133, 76.8403 is called "border". The border property can be set on classes, ids or directly on the HTML element.

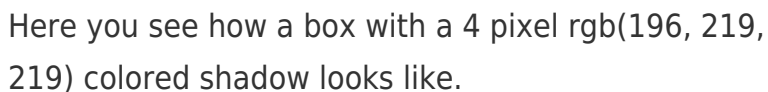
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 219, 219) }
```


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

```
.border{ border-color:rgb(196, 219, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 219, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 219, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 219, 219); box-shadow:4px 4px 4px 4px rgb(196, 219, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8827, 67.5133, 76.8403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 219, 219) }
```

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

```
.background{ background-color: rgb(196,  
219, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor