

Converting Colors

XYZ(60.5548, 68.5395, 67.4051)

Have a look what the booklet for
XYZ(60.5548, 68.5395, 67.4051)
contains.

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Color

**XYZ(60.5735, 68.7443,
67.2032)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C7DECC |
| RGB | 199, 222, 204 |
| RGB Percent | 78%, 87%, 80% |
| CMY | 0.2196, 0.1294, 0.2000 |
| CMYK | 0.10, 0.00, 0.08, 0.13 |
| HSL | 133°, 26%, 83% |
| HSV | 133°, 10%, 87% |
| XYZ | 60.5735, 68.7443, 67.2032 |
| YIQ | 213.0710, -7.9300, -10.4740 |

Conversions

Conversions Part 2

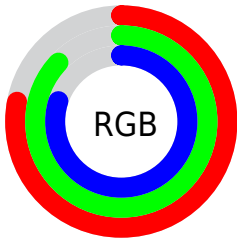
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 199, 218, 222 |
| Decimal | 13098700 |
| CIE Lab | 86.38, -11.00, 6.23 |
| CIE LCh | 86, 12.642, 150.482 |
| Yxy | 68.7443, 0.3082, 0.3498 |
| Android (android.graphics.Color) | 4291288780 (0xFFC7DECC) |
| YUV | 213.0710, -4.4720, -12.3403 |
| Hunter-Lab | 82.9122, -14.6888, 9.9819 |

Details

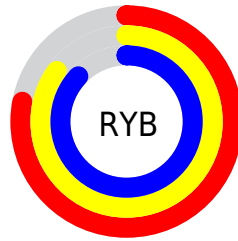
The XYZ color **60.5735, 68.7443, 67.2032** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0744, 61.3878, 74.1733**, and the grayscale version is **63.3277, 66.6256, 72.5553**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.0008, 35.8592, 34.1418** is the 20% darker color. If you saturate the color by 10%, you get **53.1385, 65.1409, 56.5775**, and if you desaturate by 10%, it is **69.1042, 72.8896, 79.0967**.

Distribution



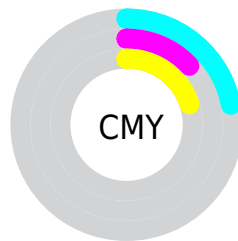
- Red (78%)
- Green (87%)
- Blue (80%)



- Red (78%)
- Yellow (85%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5735, 68.7443, 67.2032 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 60.5735, 68.7443, 67.2032 by changing the saturation by 10% instead.

60.5735, 68.7443,
67.2032

60.5735, 68.7443,
67.2032

416.5094,
456.1286, 469.1889

44.1323, 50.5035,
48.7871

104.7628,
117.4163, 116.8549

30.9729, 35.8136,
34.0862

133.2415,
148.6163, 148.9277

20.7299, 24.2903,
22.6820

166.4635,
184.9047, 186.3898

13.0381, 15.5491,
14.1558

204.7941,
226.6661, 229.6597

7.5319, 9.2057,
8.0891

248.5986,
274.2848, 279.1561

3.8462, 4.8756,
4.0634

298.2425,

1.6155, 2.1744,

328.1452, 335.2974

1.6602

354.0909,
388.6317, 398.5021

■ 0.4025, 0.7060,
0.3332

■ 0.0000, 0.0000,
0.0000

■ 60.5735, 68.7443,
67.2032

■ 60.5735, 68.7443,
67.2032

■ 53.1385, 65.1409,
56.5775

■ 69.1042, 72.8896,
79.0967

■ 46.7487, 62.0484,
47.1732

■ 78.7669, 77.5888,
92.2932

■ 41.3585, 59.4461,
38.9478

■ 85.4126, 80.7252,
105.6875

■ 36.9161, 57.3083,
31.8547

■ 33.3655, 55.6073,
25.8441

■ 30.6442, 54.3118,
20.8625

■ 28.6816, 53.3868,
16.8516

■ 27.3946, 52.7908,
13.7476

■ 26.6615, 52.4608,
11.5452

Harmonies

Analogous

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



62.5320, 68.7443, 61.8288



60.5735, 68.7443, 67.2032



59.8833, 68.7443, 74.9861

Triad

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



60.5735, 68.7443, 67.2032



65.3866, 68.7443, 92.1123



70.2994, 68.7443, 66.9855

Complementary

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



60.5735, 68.7443, 67.2032



63.0744, 61.3878, 74.1733

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.



71.1172, 68.7443, 74.7157



60.5735, 68.7443, 67.2032



68.2296, 68.7443, 89.5839

Square

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



60.5735, 68.7443, 67.2032



62.6114, 68.7443, 89.7364



70.3489, 68.7443, 83.0578



68.1455, 68.7443, 61.7098

Rectangle

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



60.5735, 68.7443, 67.2032



60.2187, 68.7443, 80.6205



70.3489, 68.7443, 83.0578



70.7425, 68.7443, 69.3632

Sweetspot

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



60.5754, 68.7472, 67.2047



91.3422, 98.1982, 103.7730



65.0530, 71.1237, 64.3331



19.3440, 20.9179, 21.9243



0.0000, 0.0000, 0.0000



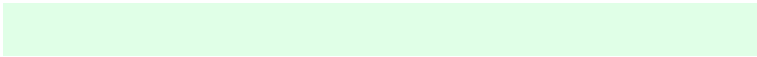
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5754, 68.7472, 67.2047



81.0557, 93.2037, 89.3577



62.0046, 69.3189, 74.7306



13.6501, 15.3858, 15.1928



15.8694, 31.1726, 7.0353



1.1332, 2.1740, 0.6625

Inverse Universe

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



63.0744, 61.3878, 74.1733



85.0007, 81.5855, 100.3580



61.6316, 60.8107, 66.5759



14.1608, 13.8819, 16.6168



22.4591, 11.0506, 24.8811



1.5888, 0.7788, 1.8934

Previews

White Background



This preview shows how the XYZ color 60.5735, 68.7443, 67.2032 looks on a white background.

Color Contrast Check

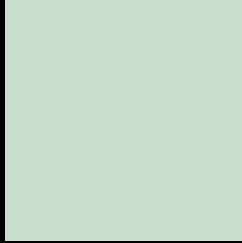
Large Text (above 18pt) WCAG AA × Fail

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 60.5735, 68.7443, 67.2032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

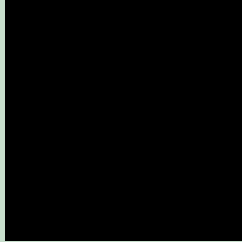
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

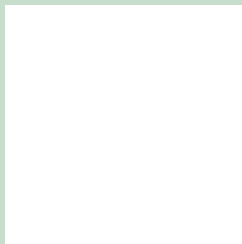
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5735, 68.7443, 67.2032

Background



This preview shows how black text looks on a background with the XYZ color 60.5735, 68.7443, 67.2032.

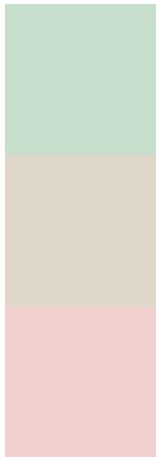


This preview shows how white text looks on a background with the XYZ color 60.5735, 68.7443,

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

60.5735, 68.7443, 67.2032

Protanopia

65.1572, 68.4590, 64.4233

Deuteranopia

69.9981, 68.6312, 68.5893



Tritanopia

64.7101, 68.4612, 88.4010

Trichromacy



Original Color

60.5735, 68.7443, 67.2032

Protanomaly

63.3456, 68.6560, 65.1716

Deuteranomaly

66.2385, 68.5569, 68.1342

Tritanomaly

63.1432, 68.6014, 80.4344

Monochromacy



Original Color

60.5735, 68.7443, 67.2032

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.2011, 67.1748, 70.6604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5735, 68.7443, 67.2032 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, 222, 204) looks like.

```
.text, #text, p{  
    color:rgb(199, 222, 204)  
}
```

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, 222, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 222, 204) }
```

Border

The CSS property to change the border of an element to XYZ 60.5735, 68.7443, 67.2032 is called "border". The border property can be set on classes, ids or directly on the HTML element.

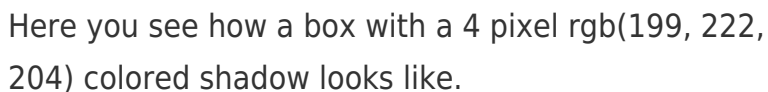
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 222, 204) }
```


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

```
.border{ border-color:rgb(199, 222, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 222, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 222, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 222, 204);  
box-shadow:4px 4px 4px 4px rgb(199, 222,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5735, 68.7443, 67.2032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 222, 204) }
```

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

```
.background{ background-color: rgb(199,  
222, 204) }
```

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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