

Converting Colors

XYZ(60.0623, 62.1950, 67.0631)

Have a look what the booklet for
XYZ(60.0623, 62.1950, 67.0631)
contains.

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Color

**XYZ(60.1233, 62.1159,
67.2133)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CDCE
RGB	212, 205, 206
RGB Percent	83%, 80%, 81%
CMY	0.1686, 0.1961, 0.1922
CMYK	0.00, 0.03, 0.03, 0.17
HSL	351°, 8%, 82%
HSV	351°, 3%, 83%
XYZ	60.1233, 62.1159, 67.2133
YIQ	207.2070, 3.8510, 1.7950

Conversions

Conversions Part 2

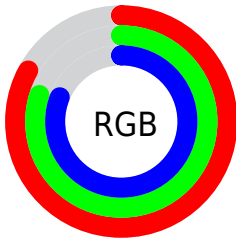
Format	Color
R _Y B	212, 205, 206
Decimal	13946318
CIE Lab	82.98, 2.60, 0.35
CIE LCh	83, 2.619, 7.773
Yxy	62.1159, 0.3174, 0.3279
Android (android.graphics.Color)	4292136398 (0xFFD4CDCE)
YUV	207.2070, -0.5951, 4.2035
Hunter-Lab	78.8136, -1.7544, 4.6063

Details

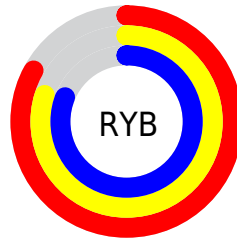
The XYZ color **60.1233, 62.1159, 67.2133** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4805, 64.7709, 70.9456**, and the grayscale version is **59.4450, 62.5408, 68.1069**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.6387, 31.5683, 34.1842** is the 20% darker color. If you saturate the color by 10%, you get **53.3096, 51.8203, 54.6685**, and if you desaturate by 10%, it is **67.8832, 73.8933, 81.3355**.

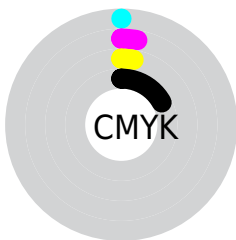
Distribution



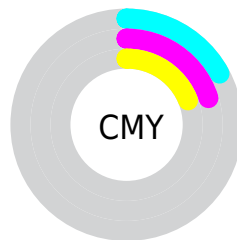
- Red (83%)
- Green (80%)
- Blue (81%)



- Red (83%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1233, 62.1159, 67.2133 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 60.1233, 62.1159, 67.2133 by changing the saturation by 10% instead.

■ 60.1233, 62.1159,
67.2133

■ 60.1233, 62.1159,
67.2133

414.8796,
432.3537, 469.2258

■ 43.7679, 45.1264,
48.7953

104.1138,
107.8930, 116.8695

■ 30.6852, 31.5570,
34.0927

132.4796,
137.4494, 148.9449

■ 20.5099, 21.0233,
22.6869

165.5796,
171.9635, 186.4097

■ 12.8766, 13.1411,
14.1593

203.7791,
211.8197, 229.6826

■ 7.4201, 7.5258,
8.0916

247.4435,
257.4024, 279.1822

■ 3.7748, 3.7930,
4.0650

296.9382,

■ 1.5755, 1.5585,

309.0961, 335.3268

1.6611

352.6284,
367.2851, 398.5352

■ 0.3764, 0.3294,
0.3338

■ 0.0000, 0.0000,
0.0000

■ 60.1233, 62.1159,
67.2133

■ 60.1233, 62.1159,
67.2133

■ 53.3096, 51.8203,
54.6685

■ 67.8832, 73.8933,
81.3355

■ 47.4006, 42.9402,
43.6422

■ 76.6181, 87.1995,
97.0831

■ 42.3598, 35.4159,
34.0778

■ 80.9618, 92.7373,
108.2407

■ 38.1458, 29.1806,
25.9136

■ 34.7142, 24.1618,
19.0836

■ 32.0161, 20.2798,
13.5163

■ 29.9972, 17.4452,
9.1335

■ 28.5952, 15.5554,
5.8480

■ 27.7363, 14.4867,
3.5604

Harmonies

Analogous

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



60.0517, 62.1159, 68.8186



60.1233, 62.1159, 67.2133



59.9030, 62.1159, 65.7439

Triad

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



60.1233, 62.1159, 67.2133



58.3757, 62.1159, 65.2017



58.6289, 62.1159, 70.5577

Complementary

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



60.1233, 62.1159, 67.2133



60.4805, 64.7709, 70.9456

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.



58.1839, 62.1159, 69.5593



60.1233, 62.1159, 67.2133



58.0384, 62.1159, 66.4624

Square

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



60.1233, 62.1159, 67.2133



58.8923, 62.1159, 64.5947



57.9684, 62.1159, 68.0558



59.1865, 62.1159, 70.7665

Rectangle

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



60.1233, 62.1159, 67.2133



59.6211, 62.1159, 65.0332



57.9684, 62.1159, 68.0558



58.4613, 62.1159, 70.3025

Sweetspot

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



60.1251, 62.1186, 67.2146



93.8918, 98.2437, 106.7869



60.5666, 62.2603, 71.1135



20.1089, 21.0467, 22.8791



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.



60.1251, 62.1186, 67.2146



90.5053, 93.1132, 100.5949



60.5947, 63.2511, 66.7758



13.2253, 13.5541, 14.6220



16.9303, 8.7084, 1.6711



1.0448, 0.5347, 0.2255

Inverse Universe

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



60.1251, 62.1186, 67.2146



90.5053, 93.1132, 100.5949



59.9983, 63.6060, 71.4032



13.2253, 13.5541, 14.6220



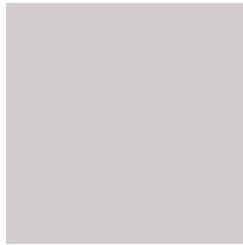
16.9303, 8.7084, 1.6711



1.0448, 0.5347, 0.2255

Previews

White Background



This preview shows how the XYZ color 60.1233, 62.1159, 67.2133 looks on a white background.

Color Contrast Check

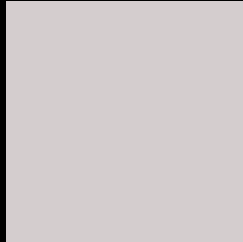
Large Text (above 18pt) WCAG AA × Fail

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 60.1233, 62.1159, 67.2133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

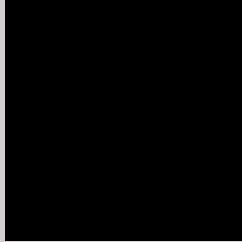
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

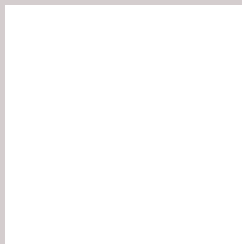
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1233, 62.1159, 67.2133

Background



This preview shows how black text looks on a background with the XYZ color 60.1233, 62.1159, 67.2133.

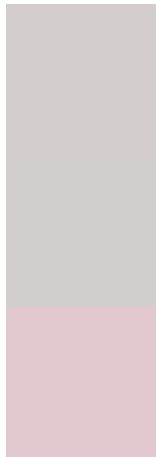


This preview shows how white text looks on a background with the XYZ color 60.1233, 62.1159,

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

60.1233, 62.1159, 67.2133

Protanopia

59.7902, 62.3005, 67.2664

Deuteranopia

63.2808, 61.9823, 67.6600



Tritanopia

61.8737, 62.1225, 75.7476

Trichromacy



Original Color

60.1233, 62.1159, 67.2133

Protanomaly

60.0759, 62.4477, 67.2798

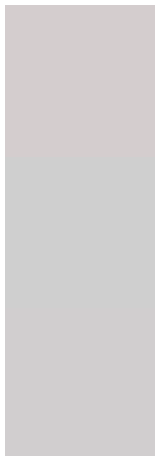
Deuteranomaly

62.2018, 62.1182, 67.7431

Tritanomaly

61.1710, 62.1869, 72.3975

Monochromacy



Original Color

60.1233, 62.1159, 67.2133

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.6283, 62.2029, 67.8951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1233, 62.1159, 67.2133 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(212, 205, 206) looks like.

```
.text, #text, p{  
    color:rgb(212, 205, 206)  
}
```

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(212, 205, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 205, 206) }
```

Border

The CSS property to change the border of an element to XYZ 60.1233, 62.1159, 67.2133 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(212, 205, 206) }
```


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

```
.border{ border-color:rgb(212, 205, 206) }
```

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

Here you see how a box with a 4 pixel rgb(212, 205, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 205, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 205, 206);  
box-shadow:4px 4px 4px 4px rgb(212, 205,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1233, 62.1159, 67.2133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 205, 206) }
```

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

```
.background{ background-color: rgb(212,  
205, 206) }
```

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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