

Converting Colors

XYZ(59.8020, 62.4553, 70.2839)

Have a look what the booklet for
XYZ(59.8020, 62.4553, 70.2839)
contains.

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Color

**XYZ(60.0831, 62.7387,
70.5711)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CFD3
RGB	208, 207, 211
RGB Percent	82%, 81%, 83%
CMY	0.1843, 0.1882, 0.1725
CMYK	0.01, 0.02, 0.00, 0.17
HSL	255°, 4%, 82%
HSV	255°, 2%, 83%
XYZ	60.0831, 62.7387, 70.5711
YIQ	207.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

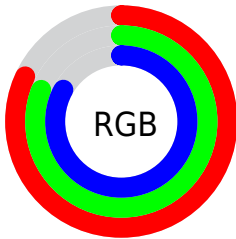
Format	Color
R _Y B	208, 207, 211
Decimal	13684691
CIE Lab	83.30, 1.08, -1.87
CIE LCh	83, 2.156, 300.010
Yxy	62.7387, 0.3107, 0.3244
Android (android.graphics.Color)	4291874771 (0xFFD0CFD3)
YUV	207.7550, 1.5998, 0.2149
Hunter-Lab	79.2078, -3.2123, 2.6203

Details

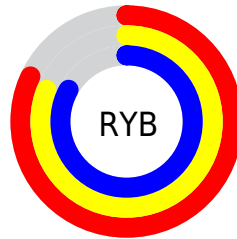
The XYZ color **60.0831, 62.7387, 70.5711** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.1375, 64.7969, 68.3195**, and the grayscale version is **59.7874, 62.9010, 68.4992**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.8035, 32.0868, 36.4681** is the 20% darker color. If you saturate the color by 10%, you get **51.0760, 51.0085, 68.7826**, and if you desaturate by 10%, it is **70.2217, 76.0699, 72.6109**.

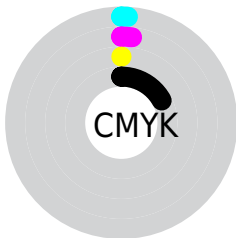
Distribution



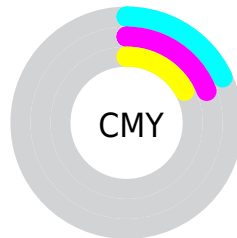
- Red (82%)
- Green (81%)
- Blue (83%)



- Red (82%)
- Yellow (81%)
- Blue (83%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (18%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0831, 62.7387, 70.5711 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 60.0831, 62.7387, 70.5711 by changing the saturation by 10% instead.

■ 60.0831, 62.7387,
70.5711

■ 60.0831, 62.7387,
70.5711

414.7338,
434.6206, 481.3959

■ 43.7353, 45.6299,
51.5126

104.0559,
108.7924, 121.7116

■ 30.6595, 31.9538,
36.2371

132.4116,
138.5061, 154.6306

■ 20.4903, 21.3262,
24.3263

165.5006,
173.1902, 193.0069

■ 12.8622, 13.3627,
15.3614

203.6884,
213.2291, 237.2589

■ 7.4101, 7.6788,
8.9240

247.3403,
259.0072, 287.8053

■ 3.7685, 3.8901,
4.5955

296.8216,

■ 1.5720, 1.6123,

310.9089, 345.0646

1.9574

352.4976,
369.3185, 409.4553

■ 0.3741, 0.3659,
0.5289

■ 0.0000, 0.0000,
0.0000

■ 60.0831, 62.7387,
70.5711

■ 60.0831, 62.7387,
70.5711

■ 51.0760, 51.0085,
68.7826

■ 70.2217, 76.0699,
72.6109

■ 43.1553, 40.8107,
67.2317

■ 81.5243, 91.0511,
74.9068

■ 36.2803, 32.0837,
65.9096

■ 88.7581, 97.4832,
75.7671

■ 30.4060, 24.7584,
64.8053

■ 25.4840, 18.7604,
63.9070

■ 21.4615, 14.0081,
63.2017

■ 18.2804, 10.4106,
62.6749

■ 15.8752, 7.8643,
62.3102

■ 14.1695, 6.2463,
62.0878

Harmonies

Analogous

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



59.6314, 62.7387, 70.9253



60.0831, 62.7387, 70.5711



60.4152, 62.7387, 69.6100

Triad

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



60.0831, 62.7387, 70.5711



60.0828, 62.7387, 66.1008



58.7346, 62.7387, 68.3122

Complementary

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



60.0831, 62.7387, 70.5711



61.1375, 64.7969, 68.3195

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.



58.8542, 62.7387, 67.0298



60.0831, 62.7387, 70.5711



59.6311, 62.7387, 65.7633

Square

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



60.0831, 62.7387, 70.5711



60.4150, 62.7387, 67.0291



59.1817, 62.7387, 66.1012



58.8543, 62.7387, 69.6107

Rectangle

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



60.0831, 62.7387, 70.5711



60.5232, 62.7387, 68.7605



59.1817, 62.7387, 66.1012



58.7482, 62.7387, 67.8650

Sweetspot

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



60.0849, 62.7414, 70.5725



93.5411, 98.0225, 108.5978



60.5552, 64.0966, 70.8093



20.0376, 21.0017, 23.2476



0.0000, 0.0000, 0.0000



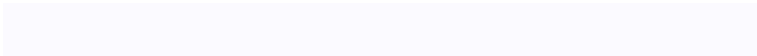
20.3446, 21.4041, 23.3091

Same Dimension

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



60.0849, 62.7414, 70.5725



92.0500, 96.0702, 108.2996



60.6321, 63.0235, 70.5981



12.9146, 13.4863, 15.1661



8.0489, 3.3297, 37.4110



0.5241, 0.2243, 2.0952

Inverse Universe

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



60.8119, 63.1306, 69.9564



93.2405, 96.7075, 107.2903



60.5900, 64.5147, 68.2938



13.0697, 13.5694, 15.0347



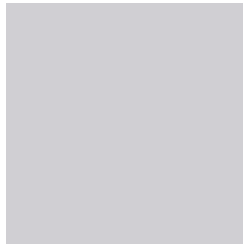
20.0005, 9.8730, 20.7066



1.1490, 0.5643, 1.3192

Previews

White Background



This preview shows how the XYZ color 60.0831, 62.7387, 70.5711 looks on a white background.

Color Contrast Check

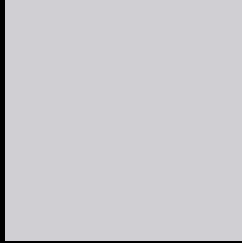
Large Text (above 18pt) WCAG AA × Fail

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 60.0831, 62.7387, 70.5711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

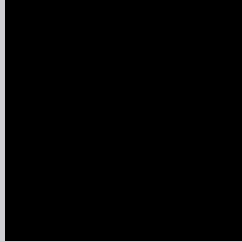
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

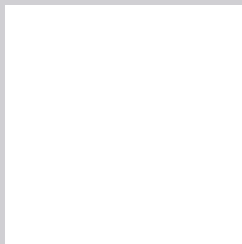
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0831, 62.7387, 70.5711

Background



This preview shows how black text looks on a background with the XYZ color 60.0831, 62.7387, 70.5711.

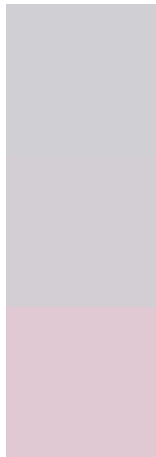


This preview shows how white text looks on a background with the XYZ color 60.0831, 62.7387,

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

60.0831, 62.7387, 70.5711

Protanopia

60.4075, 62.5474, 70.5171

Deuteranopia

63.8216, 62.5343, 70.9939



Tritanopia

61.5945, 62.6382, 77.9512

Trichromacy



Original Color

60.0831, 62.7387, 70.5711

Protanomaly

60.1237, 62.4011, 70.5038

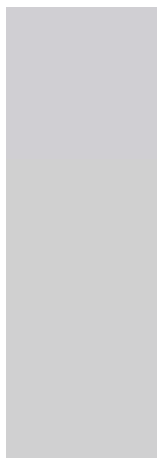
Deuteranomaly

62.4530, 62.5254, 71.0643

Tritanomaly

61.0207, 62.7599, 75.2274

Monochromacy



Original Color

60.0831, 62.7387, 70.5711

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.0769, 63.1251, 69.3396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0831, 62.7387, 70.5711 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(208, 207, 211) looks like.

```
.text, #text, p{  
    color:rgb(208, 207, 211)  
}
```

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(208, 207, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 207, 211) }
```

Border

The CSS property to change the border of an element to XYZ 60.0831, 62.7387, 70.5711 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(208, 207, 211) }
```


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

```
.border{ border-color:rgb(208, 207, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 207, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 207, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 207, 211);  
box-shadow:4px 4px 4px 4px rgb(208, 207,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0831, 62.7387, 70.5711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 207, 211) }
```

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

```
.background{ background-color: rgb(208,  
207, 211) }
```

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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