

Converting Colors

XYZ(60.8809, 62.2250, 71.7471)

Have a look what the booklet for
XYZ(60.8809, 62.2250, 71.7471)
contains.

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Color

**XYZ(60.7545, 61.9869,
71.7133)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CCD5
RGB	212, 204, 213
RGB Percent	83%, 80%, 84%
CMY	0.1686, 0.2000, 0.1647
CMYK	0.00, 0.04, 0.00, 0.16
HSL	293°, 10%, 82%
HSV	293°, 4%, 84%
XYZ	60.7545, 61.9869, 71.7133
YIQ	207.4180, 1.8790, 4.4950

Conversions

Conversions Part 2

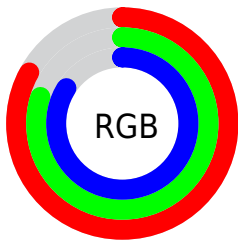
Format	Color
R _Y B	212, 204, 213
Decimal	13946069
CIE Lab	82.91, 4.39, -3.48
CIE LCh	83, 5.602, 321.559
Yxy	61.9869, 0.3124, 0.3188
Android (android.graphics.Color)	4292136149 (0xFFD4CCD5)
YUV	207.4180, 2.7519, 4.0184
Hunter-Lab	78.7318, -0.0385, 1.1076

Details

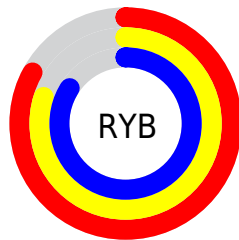
The XYZ color **60.7545, 61.9869, 71.7133** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8725, 64.9289, 66.5068**, and the grayscale version is **59.5612, 62.6630, 68.2400**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.9825, 31.4494, 36.7851** is the 20% darker color. If you saturate the color by 10%, you get **55.3574, 52.1975, 70.1091**, and if you desaturate by 10%, it is **66.8575, 73.1714, 73.5514**.

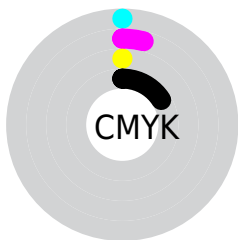
Distribution



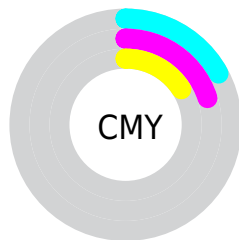
- Red (83%)
- Green (80%)
- Blue (84%)



- Red (83%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (17%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7545, 61.9869, 71.7133 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 60.7545, 61.9869, 71.7133 by changing the saturation by 10% instead.

■ 60.7545, 61.9869,
71.7133

■ 60.7545, 61.9869,
71.7133

417.1636,
431.8833, 485.4938

■ 44.2789, 45.0221,
52.4391

105.0235,
107.7066, 123.3528

■ 31.0886, 31.4748,
36.9705

133.5476,
137.2303, 156.5551

■ 20.8185, 20.9607,
24.8891

166.8186,
171.7091, 195.2372

■ 13.1031, 13.0953,
15.7762

205.2017,
211.5274, 239.8177

■ 7.5771, 7.4942,
9.2133

249.0624,
257.0695, 290.7151

■ 3.8751, 3.7730,
4.7818

298.7661,

■ 1.6317, 1.5474,

308.7200, 348.3478

2.0633

354.6780,
366.8631, 413.1346

■ 0.4129, 0.3218,
0.5938

■ 0.0000, 0.0000,
0.0000

■ 60.7545, 61.9869,
71.7133

■ 60.7545, 61.9869,
71.7133

■ 55.3574, 52.1975,
70.1091

■ 66.8575, 73.1714,
73.5514

■ 50.6329, 43.7395,
68.7256

■ 73.6875, 85.7958,
75.6282

■ 46.5530, 36.5558,
67.5540

■ 77.0149, 91.4003,
76.5346

■ 43.0854, 30.5823,
66.5838

■ 77.7327, 91.7703,
76.5682

40.1954, 25.7492,
65.8032

78.4606, 92.1456,
76.6022

37.8444, 21.9796,
65.1995

79.1988, 92.5261,
76.6368

35.9892, 19.1870,
64.7583

79.9472, 92.9119,
76.6718

34.5796, 17.2715,
64.4628

80.7059, 93.3030,
76.7073

33.5551, 16.1115,
64.2930

81.4750, 93.6995,
76.7433

Harmonies

Analogous

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



59.7742, 61.9869, 73.8700



60.7545, 61.9869, 71.7133



61.2439, 61.9869, 68.4742

Triad

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



60.7545, 61.9869, 71.7133



59.2582, 61.9869, 61.1255



56.7831, 61.9869, 69.9669

Complementary

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



60.7545, 61.9869, 71.7133



59.8725, 64.9289, 66.5068

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.



56.6492, 61.9869, 66.5216



60.7545, 61.9869, 71.7133



58.0674, 61.9869, 61.4944

Square

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



60.7545, 61.9869, 71.7133



60.3724, 61.9869, 62.4165



57.1163, 61.9869, 63.4420



57.4846, 61.9869, 72.8379

Rectangle

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



60.7545, 61.9869, 71.7133



61.2214, 61.9869, 66.1692



57.1163, 61.9869, 63.4420



56.6706, 61.9869, 68.8348

Sweetspot

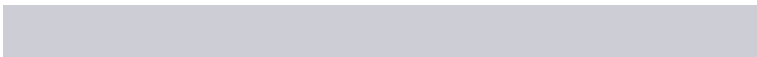
The Sweet Spot groups the original color and five complimentary colors.



60.7563, 61.9896, 71.7146



94.1377, 98.3301, 108.6258



58.7580, 61.3310, 71.6929



20.1590, 21.0643, 23.2533



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.



60.7563, 61.9896, 71.7146



90.5972, 91.8654, 107.5646



60.6122, 61.9653, 69.4469



13.2710, 13.3957, 15.8237



20.2595, 9.5966, 39.2377



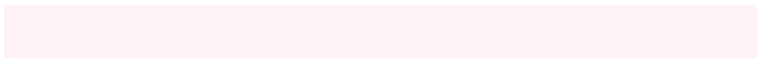
1.2616, 0.5993, 2.3685

Inverse Universe

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



60.0551, 61.7425, 66.5130



89.3452, 91.4246, 98.2608



60.0158, 64.9545, 68.6970



13.0656, 13.3234, 14.2949



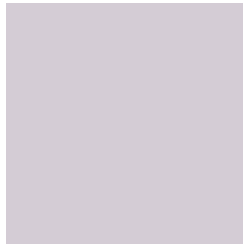
16.8794, 8.6881, 1.4029



1.0374, 0.5317, 0.1863

Previews

White Background



This preview shows how the XYZ color 60.7545, 61.9869, 71.7133 looks on a white background.

Color Contrast Check

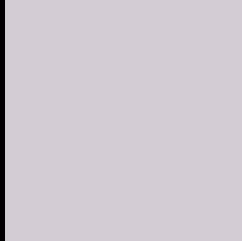
Large Text (above 18pt) WCAG AA × Fail

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 60.7545, 61.9869, 71.7133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

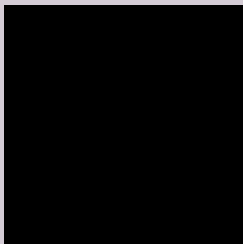
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

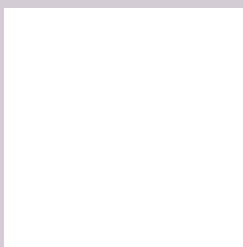
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7545, 61.9869, 71.7133

Background



This preview shows how black text looks on a background with the XYZ color 60.7545, 61.9869, 71.7133.

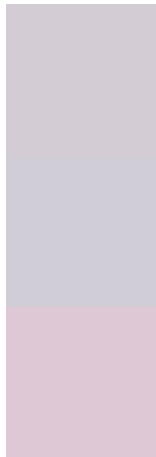


This preview shows how white text looks on a background with the XYZ color 60.7545, 61.9869,

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

60.7545, 61.9869, 71.7133

Protanopia

59.9813, 61.9276, 72.4102

Deuteranopia

63.2233, 61.8516, 72.2246



Tritanopia

61.5827, 61.9725, 75.7340

Trichromacy



Original Color

60.7545, 61.9869, 71.7133

Protanomaly

60.2634, 62.0730, 72.4234

Deuteranomaly

62.2377, 61.6884, 72.2451

Tritanomaly

61.3209, 61.8678, 74.3554

Monochromacy



Original Color

60.7545, 61.9869, 71.7133

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.8744, 62.3014, 69.1912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7545, 61.9869, 71.7133 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, 204, 213) looks like.

```
.text, #text, p{  
    color:rgb(212, 204, 213)  
}
```

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, 204, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 204, 213) }
```

Border

The CSS property to change the border of an element to XYZ 60.7545, 61.9869, 71.7133 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, 204, 213) }
```


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

```
.border{ border-color:rgb(212, 204, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 204, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 204, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 204, 213);  
box-shadow:4px 4px 4px 4px rgb(212, 204,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7545, 61.9869, 71.7133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 204, 213) }
```

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

```
.background{ background-color: rgb(212,  
204, 213) }
```

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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