

Converting Colors

XYZ(61.7571, 63.6717, 71.3725)

Have a look what the booklet for
XYZ(61.7571, 63.6717, 71.3725)
contains.

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Color

**XYZ(61.6371, 63.5252,
71.3003)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CFD4
RGB	213, 207, 212
RGB Percent	84%, 81%, 83%
CMY	0.1647, 0.1882, 0.1686
CMYK	0.00, 0.03, 0.00, 0.16
HSL	310°, 7%, 82%
HSV	310°, 3%, 84%
XYZ	61.6371, 63.5252, 71.3003
YIQ	209.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

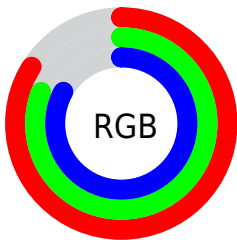
Format	Color
RYB	213, 207, 212
Decimal	14012372
CIELab	83.72, 2.97, -1.75
CIELCh	84, 3.443, 329.471
Yxy	63.5252, 0.3137, 0.3233
Android (android.graphics.Color)	4292202452 (0xFFD5CFD4)
YUV	209.3640, 1.2995, 3.1888
Hunter-Lab	79.7027, -1.4389, 2.7523

Details

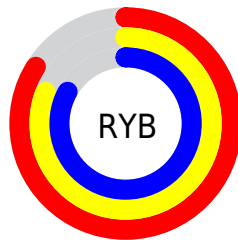
The XYZ color **61.6371, 63.5252, 71.3003** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9140, 65.4098, 69.0927**, and the grayscale version is **60.8344, 64.0025, 69.6988**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.5776, 32.4859, 36.5044** is the 20% darker color. If you saturate the color by 10%, you get **56.3783, 53.7161, 67.3610**, and if you desaturate by 10%, it is **67.6056, 74.7360, 75.5264**.

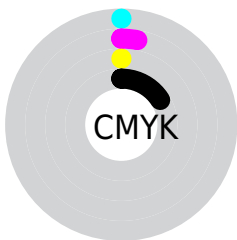
Distribution



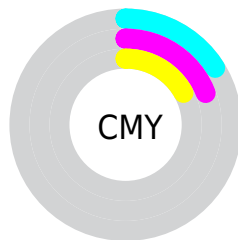
- Red (84%)
- Green (81%)
- Blue (83%)



- Red (84%)
- Yellow (81%)
- Blue (83%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6371, 63.5252, 71.3003 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 61.6371, 63.5252, 71.3003 by changing the saturation by 10% instead.

■ 61.6371, 63.5252,
71.3003

■ 61.6371, 63.5252,
71.3003

420.3448,
437.4730, 484.0144

■ 44.9940, 46.2662,
52.1040

106.2938,
109.9269, 122.7597

■ 31.6540, 32.4560,
36.7051

135.0381,
139.8383, 155.8598

■ 21.2516, 21.7100,
24.6853

168.5468,
174.7361, 194.4316

■ 13.4215, 13.6440,
15.6258

207.1854,
215.0045, 238.8935

■ 7.7985, 7.8735,
9.1083

251.3191,
261.0281, 289.6643

■ 4.0170, 4.0141,
4.7141

301.3133,

■ 1.7117, 1.6814,

313.1911, 347.1623

2.0247

357.5335,
371.8779, 411.8062

■ 0.4636, 0.4116,
0.5704

■ 0.0000, 0.0000,
0.0000

■ 61.6371, 63.5252,
71.3003

■ 61.6371, 63.5252,
71.3003

■ 56.3783, 53.7161,
67.3610

■ 67.6056, 74.7360,
75.5264

■ 51.7959, 45.2451,
63.6947

■ 74.3044, 87.3926,
80.0441

■ 47.8622, 38.0559,
60.2928

■ 76.4746, 90.9758,
83.1015

■ 44.5454, 32.0849,
57.1442

■ 76.9578, 91.1691,
85.6462

41.8109, 27.2634,
54.2371

77.4512, 91.3664,
88.2442

39.6210, 23.5155,
51.5586

77.9547, 91.5678,
90.8957

37.9329, 20.7563,
49.0942

78.4684, 91.7733,
93.6010

36.6979, 18.8880,
46.8273

78.9925, 91.9829,
96.3605

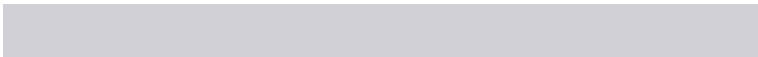
35.8570, 17.7930,
44.7379

79.5268, 92.1967,
99.1745

Harmonies

Analogous

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



61.0954, 63.5252, 72.8489



61.6371, 63.5252, 71.3003



61.8412, 63.5252, 69.2065

Triad

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



61.6371, 63.5252, 71.3003



60.3922, 63.5252, 65.0960



59.1245, 63.5252, 71.2325

Complementary

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



61.6371, 63.5252, 71.3003



60.9140, 65.4098, 69.0927

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.



58.9397, 63.5252, 69.1298



61.6371, 63.5252, 71.3003



59.6678, 63.5252, 65.6135

Square

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



61.6371, 63.5252, 71.3003



61.1188, 63.5252, 65.6506



59.1377, 63.5252, 67.0789



59.6448, 63.5252, 72.8092

Rectangle

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



61.6371, 63.5252, 71.3003



61.7570, 63.5252, 67.7924



59.1377, 63.5252, 67.0789



59.0213, 63.5252, 70.5624

Sweetspot

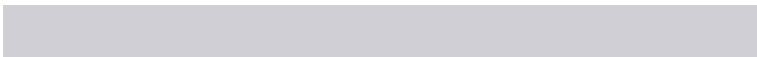
The Sweet Spot groups the original color and five complimentary colors.



61.6389, 63.5279, 71.3017



94.1735, 98.3564, 108.2704



60.3381, 62.8427, 71.9016



20.1662, 21.0696, 23.1810



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.



61.6389, 63.5279, 71.3017



92.4531, 95.1339, 107.0242



61.2642, 63.3780, 69.3283



13.5290, 13.8446, 15.7002



21.6709, 10.6047, 26.6346



1.3313, 0.6493, 1.7338

Inverse Universe

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



61.6389, 63.5279, 71.3017



92.4531, 95.1339, 107.0242



61.2864, 65.5587, 71.0538



13.5290, 13.8446, 15.7002



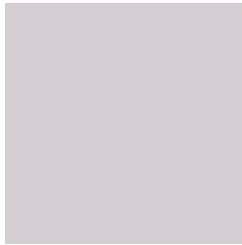
21.6709, 10.6047, 26.6346



1.3313, 0.6493, 1.7338

Previews

White Background



This preview shows how the XYZ color 61.6371, 63.5252, 71.3003 looks on a white background.

Color Contrast Check

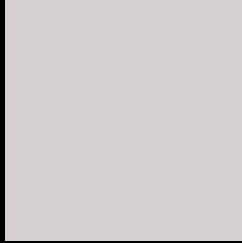
Large Text (above 18pt) WCAG AA × Fail

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 61.6371, 63.5252, 71.3003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

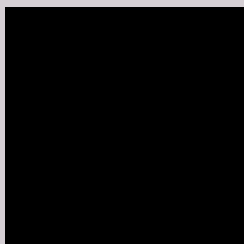
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

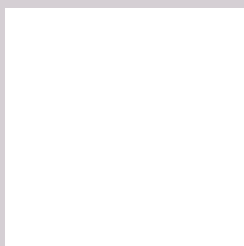
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6371, 63.5252, 71.3003

Background



This preview shows how black text looks on a background with the XYZ color 61.6371, 63.5252, 71.3003.

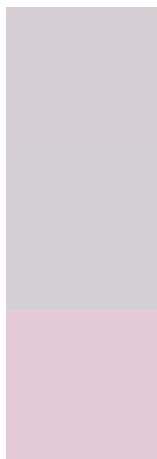


This preview shows how white text looks on a background with the XYZ color 61.6371, 63.5252,

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

61.6371, 63.5252, 71.3003

Protanopia

61.3035, 63.7141, 71.3544

Deuteranopia

64.8093, 63.3760, 71.7678



Tritanopia

62.7477, 63.2327, 78.0052

Trichromacy



Original Color

61.6371, 63.5252, 71.3003

Protanomaly

61.5909, 63.8623, 71.3678

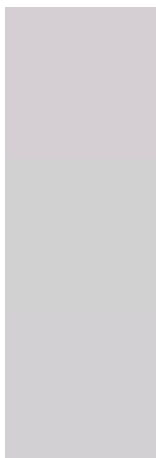
Deuteranomaly

63.7273, 63.5194, 71.8525

Tritanomaly

62.4578, 63.5007, 75.2947

Monochromacy



Original Color

61.6371, 63.5252, 71.3003

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.7671, 63.4665, 70.0203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6371, 63.5252, 71.3003 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(213, 207, 212) looks like.

```
.text, #text, p{  
    color:rgb(213, 207, 212)  
}
```

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(213, 207, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 207, 212) }
```

Border

The CSS property to change the border of an element to XYZ 61.6371, 63.5252, 71.3003 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(213, 207, 212) }
```


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

```
.border{ border-color:rgb(213, 207, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 207, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 207, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 207, 212);  
box-shadow:4px 4px 4px 4px rgb(213, 207,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6371, 63.5252, 71.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 207, 212) }
```

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

```
.background{ background-color: rgb(213,  
207, 212) }
```

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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