

Converting Colors

XYZ(62.0950, 63.7759, 70.6652)

Have a look what the booklet for
XYZ(62.0950, 63.7759, 70.6652)
contains.

XYZ(62.0950, 63.7759, 70.6652)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.0950, 63.7759,
70.6652)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CFD3
RGB	215, 207, 211
RGB Percent	84%, 81%, 83%
CMY	0.1569, 0.1882, 0.1725
CMYK	0.00, 0.04, 0.02, 0.16
HSL	330°, 9%, 83%
HSV	330°, 4%, 84%
XYZ	62.0950, 63.7759, 70.6652
YIQ	209.8480, 3.4840, 2.9400

Conversions

Conversions Part 2

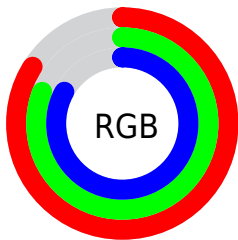
Format	Color
R _Y B	215, 207, 211
Decimal	14143443
CIE Lab	83.85, 3.47, -1.01
CIE LCh	84, 3.613, 343.836
Yxy	63.7759, 0.3159, 0.3245
Android (android.graphics.Color)	4292333523 (0xFFD7CFD3)
YUV	209.8480, 0.5679, 4.5183
Hunter-Lab	79.8598, -0.9620, 3.4382

Details

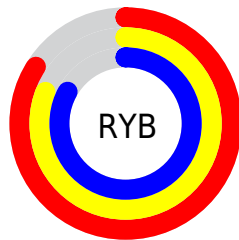
The XYZ color **62.0950, 63.7759, 70.6652** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7928, 66.5710, 71.2240**, and the grayscale version is **61.1552, 64.3400, 70.0663**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.9742, 32.6904, 36.5229** is the 20% darker color. If you saturate the color by 10%, you get **55.9337, 53.5386, 62.1807**, and if you desaturate by 10%, it is **69.0595, 75.4734, 79.8641**.

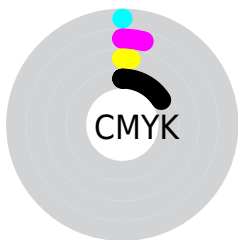
Distribution



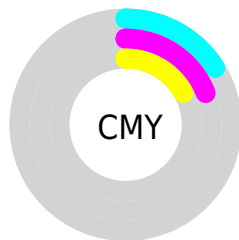
- Red (84%)
- Green (81%)
- Blue (83%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0950, 63.7759, 70.6652 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 62.0950, 63.7759, 70.6652 by changing the saturation by 10% instead.

■ 62.0950, 63.7759,
70.6652

■ 62.0950, 63.7759,
70.6652

421.9896,
438.3799, 481.7343

■ 45.3654, 46.4692,
51.5889

106.9520,
110.2881, 121.8469

■ 31.9478, 32.6162,
36.2975

135.8100,
140.2624, 154.7893

■ 21.4770, 21.8326,
24.3725

169.4416,
175.2281, 193.1909

■ 13.5876, 13.7340,
15.3954

208.2120,
215.5694, 237.4701

■ 7.9141, 7.9359,
8.9477

252.4867,
261.6709, 288.0455

■ 4.0914, 4.0539,
4.6107

302.6309,

■ 1.7540, 1.7038,

313.9169, 345.3356

1.9660

359.0101,
372.6918, 409.7590

■ 0.4897, 0.4261,
0.5343

■ 0.0000, 0.0000,
0.0000

■ 62.0950, 63.7759,
70.6652

■ 62.0950, 63.7759,
70.6652

■ 55.9337, 53.5386,
62.1807

■ 69.0595, 75.4734,
79.8641

■ 50.5398, 44.6955,
54.3876

■ 76.8502, 88.6772,
89.7912

■ 45.8830, 37.1879,
47.2679

■ 80.0026, 92.4544,
98.6339

■ 41.9288, 30.9496,
40.8008

■ 81.6775, 93.1244,
107.4537

■ 38.6396, 25.9089,
34.9642

■ 81.8347, 93.1872,
108.2815

■ 35.9745, 21.9867,
29.7347

■ 33.8872, 19.0943,
25.0866

■ 32.3251, 17.1293,
20.9918

■ 31.2242, 15.9678,
17.4178

Harmonies

Analogous

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



61.6804, 63.7759, 72.6424



62.0950, 63.7759, 70.6652



62.1113, 63.7759, 68.4009

Triad

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



62.0950, 63.7759, 70.6652



60.2528, 63.7759, 65.2823



59.5227, 63.7759, 72.5130

Complementary

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



62.0950, 63.7759, 70.6652



61.7928, 66.5710, 71.2240

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.



59.1470, 63.7759, 70.4918



62.0950, 63.7759, 70.6652



59.5660, 63.7759, 66.3353

Square

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



62.0950, 63.7759, 70.6652



61.0430, 63.7759, 65.3265



59.1628, 63.7759, 68.2312



60.1931, 63.7759, 73.7250

Rectangle

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



62.0950, 63.7759, 70.6652



61.8938, 63.7759, 67.0353



59.1628, 63.7759, 68.2312



59.3580, 63.7759, 71.9038

Sweetspot

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



62.0968, 63.7787, 70.6666



94.0372, 98.3019, 107.5526



61.4449, 63.3839, 73.2866



20.1385, 21.0585, 23.0349



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.



62.0968, 63.7787, 70.6666



91.0712, 93.3396, 103.5748



61.6019, 63.5807, 68.0604



13.3219, 13.5928, 15.1307



18.4170, 9.3031, 9.5000



1.1526, 0.5778, 0.7930

Inverse Universe

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



62.0968, 63.7787, 70.6666



91.0712, 93.3396, 103.5748



62.3002, 66.7740, 73.8959



13.3219, 13.5928, 15.1307



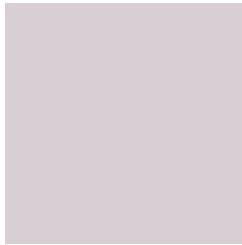
18.4170, 9.3031, 9.5000



1.1526, 0.5778, 0.7930

Previews

White Background



This preview shows how the XYZ color 62.0950, 63.7759, 70.6652 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 62.0950, 63.7759, 70.6652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

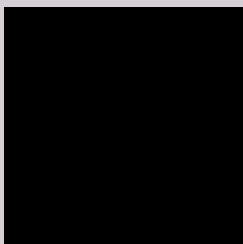
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

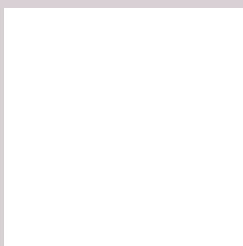
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0950, 63.7759, 70.6652

Background



This preview shows how black text looks on a background with the XYZ color 62.0950, 63.7759, 70.6652.

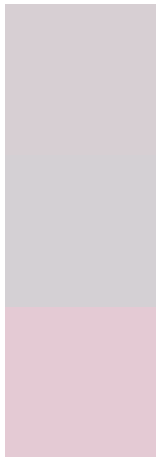


This preview shows how white text looks on a background with the XYZ color 62.0950, 63.7759,

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

62.0950, 63.7759, 70.6652

Protanopia

61.5909, 63.8623, 71.3678

Deuteranopia

64.9991, 63.4885, 71.1160



Tritanopia

63.6314, 63.6883, 78.0466

Trichromacy



Original Color

62.0950, 63.7759, 70.6652

Protanomaly

61.8801, 64.0114, 71.3813

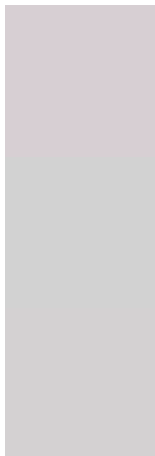
Deuteranomaly

63.9080, 63.6272, 71.2003

Tritanomaly

63.0451, 63.8035, 75.3221

Monochromacy



Original Color

62.0950, 63.7759, 70.6652

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.5847, 64.2511, 70.1286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0950, 63.7759, 70.6652 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(215, 207, 211) looks like.

```
.text, #text, p{  
    color:rgb(215, 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(215, 207, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 207, 211) }
```

Border

The CSS property to change the border of an element to XYZ 62.0950, 63.7759, 70.6652 is called "border". The border property can be set on classes, ids or directly on the HTML element.

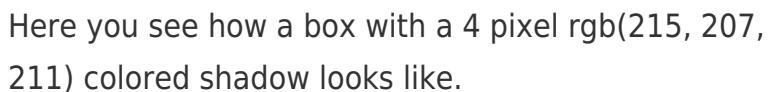
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 207, 211) }
```


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

```
.border{ border-color:rgb(215, 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(215, 207, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 207, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 207, 211); box-shadow:4px 4px 4px 4px rgb(215, 207, 211) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0950, 63.7759, 70.6652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 207, 211) }
```

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

```
.background{ background-color: rgb(215,  
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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