

Converting Colors

XYZ(62.6913, 67.0561, 63.4363)

Have a look what the booklet for
XYZ(62.6913, 67.0561, 63.4363)
contains.

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Color

**XYZ(62.9281, 67.3233,
63.7109)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D7C7
RGB	216, 215, 199
RGB Percent	85%, 84%, 78%
CMY	0.1529, 0.1568, 0.2196
CMYK	0.00, 0.00, 0.08, 0.15
HSL	56°, 18%, 81%
HSV	56°, 8%, 85%
XYZ	62.9281, 67.3233, 63.7109
YIQ	213.4750, 5.7320, -4.7640

Conversions

Conversions Part 2

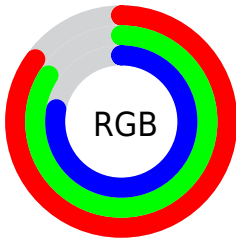
Format	Color
R _Y B	200, 216, 199
Decimal	14211015
CIE Lab	85.67, -2.43, 8.01
CIE LCh	86, 8.368, 106.915
Yxy	67.3233, 0.3244, 0.3471
Android (android.graphics.Color)	4292401095 (0xFFD8D7C7)
YUV	213.4750, -7.1362, 2.2144
Hunter-Lab	82.0508, -6.6899, 11.3980

Details

The XYZ color **62.9281, 67.3233, 63.7109** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6021, 58.4076, 73.2569**, and the grayscale version is **63.6091, 66.9217, 72.8778**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3796, 34.7630, 31.7914** is the 20% darker color. If you saturate the color by 10%, you get **60.2759, 65.7512, 51.3195**, and if you desaturate by 10%, it is **65.9425, 69.0487, 77.9809**.

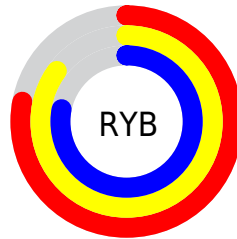
Distribution



Red (85%)

Green (84%)

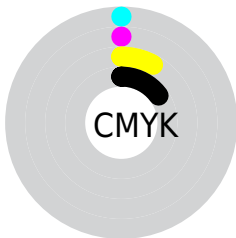
Blue (78%)



Red (78%)

Yellow (85%)

Blue (78%)

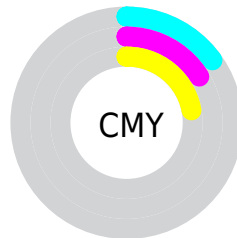


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9281, 67.3233, 63.7109 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 62.9281, 67.3233, 63.7109 by changing the saturation by 10% instead.

■ 62.9281, 67.3233,
63.7109

■ 62.9281, 67.3233,
63.7109

424.9723,
451.0947, 456.3237

■ 46.0415, 49.3474,
45.9719

108.1482,
115.3835, 111.7899

■ 32.4833, 34.8951,
31.8751

137.2123,
146.2367, 142.9670

■ 21.8883, 23.5821,
21.0021

171.0664,
182.1510, 179.4606

■ 13.8910, 15.0239,
12.9343

210.0756,
223.5110, 221.6891

■ 8.1261, 8.8362,
7.2531

254.6055,
270.7009, 270.0711

■ 4.2282, 4.6345,
3.5401

305.0214,

■ 1.8320, 2.0344,

324.1053, 325.0252

1.3766

361.6885,
384.1084, 386.9699

■ 0.5369, 0.6274,
0.1233

■ 0.0000, 0.0000,
0.0000

■ 62.9281, 67.3233,
63.7109

■ 62.9281, 67.3233,
63.7109

■ 60.2759, 65.7512,
51.3195

■ 65.9425, 69.0487,
77.9809

■ 57.9656, 64.3175,
40.7238

■ 69.3276, 70.9242,
94.1992

■ 55.9828, 63.0189,
31.8412

■ 71.6487, 72.3781,
104.8018

■ 54.3104, 61.8484,
24.5808

■ 71.9796, 73.0399,
104.9121

■ 52.9296, 60.7985,
18.8434

■ 72.3130, 73.7067,
105.0233

■ 51.8193, 59.8607,
14.5188

■ 72.6489, 74.3786,
105.1352

■ 50.9560, 59.0256,
11.4822

■ 72.9874, 75.0556,
105.2481

■ 50.3116, 58.2821,
9.5870

■ 73.3284, 75.7375,
105.3617

■ 49.8470, 57.6143,
8.6256

■ 73.6719, 76.4246,
105.4762

Harmonies

Analogous

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



64.8223, 67.3233, 63.5456



62.9281, 67.3233, 63.7109



61.3486, 67.3233, 66.3635

Triad

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



62.9281, 67.3233, 63.7109



61.5172, 67.3233, 81.2417



67.6263, 67.3233, 75.7063

Complementary

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



62.9281, 67.3233, 63.7109



56.6021, 58.4076, 73.2569

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.



66.7036, 67.3233, 80.7115



62.9281, 67.3233, 63.7109



63.1624, 67.3233, 84.0127

Square

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



62.9281, 67.3233, 63.7109



60.5452, 67.3233, 76.4009



65.0613, 67.3233, 83.8139



67.5605, 67.3233, 70.2912

Rectangle

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



62.9281, 67.3233, 63.7109



60.6754, 67.3233, 69.2637



65.0613, 67.3233, 83.8139



67.4207, 67.3233, 77.4977

Sweetspot

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



62.9299, 67.3262, 63.7124



94.1444, 99.4854, 104.6010



59.1841, 59.6231, 63.1154



20.1603, 21.2994, 22.4339



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.



62.9299, 67.3262, 63.7124



91.1453, 97.7544, 90.4458



61.0563, 66.7379, 63.6975



13.4077, 14.3895, 13.2315



29.4795, 34.0762, 5.0236



1.7974, 2.0940, 0.3095

Inverse Universe

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



56.6021, 58.4076, 73.2569



80.5956, 82.8854, 106.3584



58.3745, 58.9801, 73.2740



11.8004, 12.1242, 15.6558



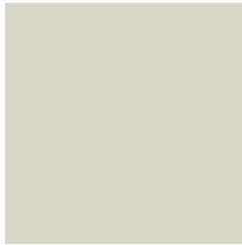
7.4450, 3.1518, 38.6691



0.4701, 0.2321, 2.3393

Previews

White Background



This preview shows how the XYZ color 62.9281, 67.3233, 63.7109 looks on a white background.

Color Contrast Check

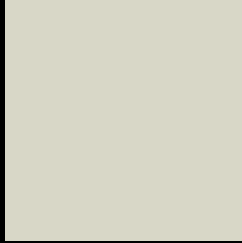
Large Text (above 18pt) WCAG AA × Fail

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 62.9281, 67.3233, 63.7109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

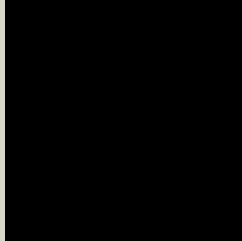
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

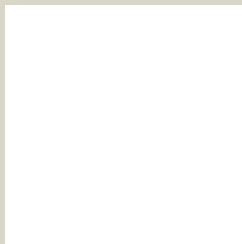
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.9281, 67.3233, 63.7109

Background



This preview shows how black text looks on a background with the XYZ color 62.9281, 67.3233, 63.7109.



This preview shows how white text looks on a background with the XYZ color 62.9281, 67.3233,

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

62.9281, 67.3233, 63.7109

Protanopia

64.1115, 67.1953, 63.0170

Deuteranopia

68.7906, 67.3680, 64.6360



Tritanopia

66.6746, 67.3502, 82.1588

Trichromacy



Original Color

62.9281, 67.3233, 63.7109

Protanomaly

63.7548, 67.3860, 63.0726

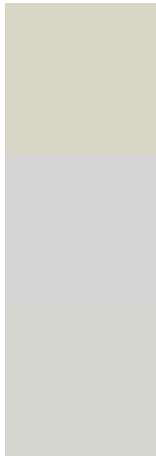
Deuteranomaly

66.4269, 67.2522, 64.1235

Tritanomaly

65.2813, 67.1568, 75.1675

Monochromacy



Original Color

62.9281, 67.3233, 63.7109

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.1633, 66.9433, 69.2668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9281, 67.3233, 63.7109 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(216, 215, 199) looks like.

```
.text, #text, p{  
    color:rgb(216, 215, 199)  
}
```

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(216, 215, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 215, 199) }
```

Border

The CSS property to change the border of an element to XYZ 62.9281, 67.3233, 63.7109 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(216, 215, 199) }
```


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

```
.border{ border-color:rgb(216, 215, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 215, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 215, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 215, 199);  
box-shadow:4px 4px 4px 4px rgb(216, 215,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9281, 67.3233, 63.7109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 215, 199) }
```

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

```
.background{ background-color: rgb(216,  
215, 199) }
```

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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