

Converting Colors

XYZ(63.6763, 66.9160, 71.8273)

Have a look what the booklet for
XYZ(63.6763, 66.9160, 71.8273)
contains.

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Color

**XYZ(63.7022, 66.7890,
71.8215)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D5D4
RGB	215, 213, 212
RGB Percent	84%, 84%, 83%
CMY	0.1569, 0.1647, 0.1686
CMYK	0.00, 0.01, 0.01, 0.16
HSL	20°, 4%, 84%
HSV	20°, 1%, 84%
XYZ	63.7022, 66.7890, 71.8215
YIQ	213.4840, 1.5130, 0.1130

Conversions

Conversions Part 2

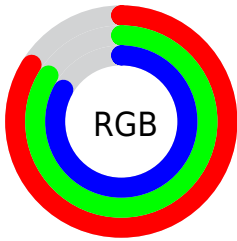
Format	Color
R _Y B	215, 214, 212
Decimal	14144980
CIE Lab	85.40, 0.51, 0.72
CIE LCh	85, 0.884, 55.005
Yxy	66.7890, 0.3149, 0.3301
Android (android.graphics.Color)	4292335060 (0xFFD7D5D4)
YUV	213.4840, -0.7316, 1.3295
Hunter-Lab	81.7245, -3.8817, 5.1017

Details

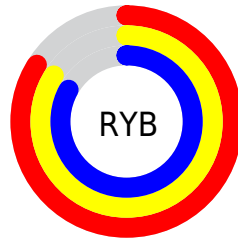
The XYZ color **63.7022, 66.7890, 71.8215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4637, 66.9956, 73.8773**, and the grayscale version is **63.5756, 66.8864, 72.8393**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.8099, 34.3616, 36.8015** is the 20% darker color. If you saturate the color by 10%, you get **57.7279, 58.8950, 57.3283**, and if you desaturate by 10%, it is **70.3590, 75.4683, 88.3256**.

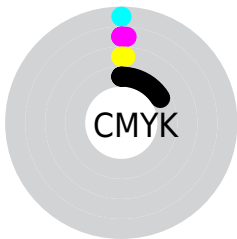
Distribution



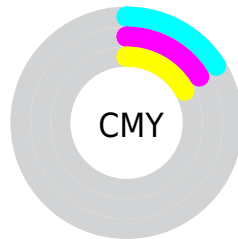
- Red (84%)
- Green (84%)
- Blue (83%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7022, 66.7890, 71.8215 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 63.7022, 66.7890, 71.8215 by changing the saturation by 10% instead.

■ 63.7022, 66.7890,
71.8215

■ 63.7022, 66.7890,
71.8215

427.7327,
449.1933, 485.8809

■ 46.6703, 48.9132,
52.5269

109.2581,
114.6180, 123.5081

■ 32.9819, 34.5506,
37.0401

138.5128,
145.3400, 156.7372

■ 22.2718, 23.3169,
24.9425

172.5724,
181.1128, 195.4482

■ 14.1745, 14.8277,
15.8156

211.8024,
222.3209, 240.0596

■ 8.3246, 8.6985,
9.2408

256.5681,
269.3486, 290.9901

■ 4.3569, 4.5451,
4.7996

307.2348,

■ 1.9060, 1.9829,

322.5803, 348.6581

2.0735

364.1679,
382.4004, 413.4822

■ 0.5803, 0.5975,
0.5999

■ 0.0000, 0.0000,
0.0000

■ 63.7022, 66.7890,
71.8215

■ 63.7022, 66.7890,
71.8215

■ 57.7279, 58.8950,
57.3283

■ 70.3590, 75.4683,
88.3256

■ 52.4081, 51.7556,
44.7644

■ 77.7136, 84.9451,
106.9078

■ 47.7211, 45.3506,
34.0488

■ 81.8347, 93.1873,
108.2815

■ 43.6417, 39.6558,
25.0932

■ 40.1432, 34.6456,
17.8020

■ 37.1965, 30.2927,
12.0704

■ 34.7696, 26.5677,
7.7815

■ 32.8269, 23.4389,
4.8015

■ 31.3271, 20.8708,
2.9713

Harmonies

Analogous

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



63.8308, 66.7890, 72.2564



63.7022, 66.7890, 71.8215



63.5145, 66.7890, 71.6279

Triad

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



63.7022, 66.7890, 71.8215



63.0978, 66.7890, 72.6258



63.6440, 66.7890, 73.7267

Complementary

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



63.7022, 66.7890, 71.8215



63.4637, 66.9956, 73.8773

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.



63.4474, 66.7890, 73.8269



63.7022, 66.7890, 71.8215



63.1323, 66.7890, 73.1894

Square

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



63.7022, 66.7890, 71.8215



63.1658, 66.7890, 72.0908



63.2602, 66.7890, 73.6297



63.7972, 66.7890, 73.3566

Rectangle

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



63.7022, 66.7890, 71.8215



63.3812, 66.7890, 71.6611



63.2602, 66.7890, 73.6297



63.5808, 66.7890, 73.7931

Sweetspot

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



63.7041, 66.7919, 71.8230

95.0500, 100.0000, 108.9000



63.7063, 66.3901, 73.0761



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



63.7041, 66.7919, 71.8230



93.1665, 97.5296, 104.2750



64.0822, 67.5481, 71.9490



13.7436, 14.3922, 15.4069



18.2330, 11.5832, 1.2748



1.1749, 0.8490, 0.1019

Inverse Universe

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



63.4637, 66.9956, 73.8773



92.6566, 97.9617, 108.6327



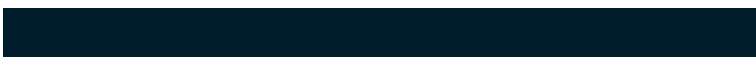
63.0868, 66.2417, 73.7517



13.6735, 14.4516, 16.0063



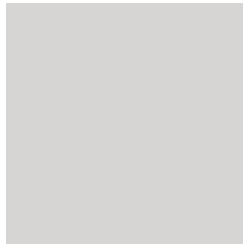
13.3188, 14.8995, 40.6271



0.8781, 1.0482, 2.4754

Previews

White Background



This preview shows how the XYZ color 63.7022, 66.7890, 71.8215 looks on a white background.

Color Contrast Check

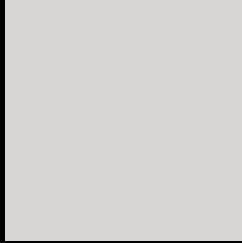
Large Text (above 18pt) WCAG AA × Fail

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 63.7022, 66.7890, 71.8215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

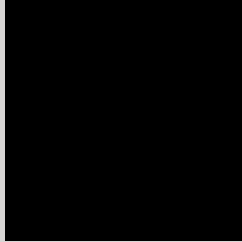
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

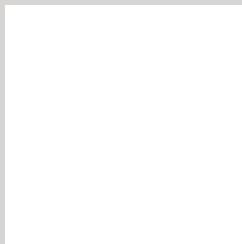
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.7022, 66.7890, 71.8215

Background



This preview shows how black text looks on a background with the XYZ color 63.7022, 66.7890, 71.8215.

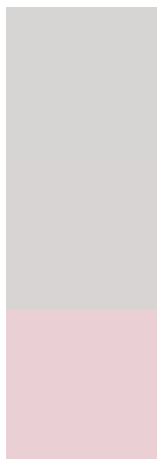


This preview shows how white text looks on a background with the XYZ color 63.7022, 66.7890,

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

63.7022, 66.7890, 71.8215

Protanopia

64.0424, 66.5921, 71.7655

Deuteranopia

68.2547, 66.9222, 72.2706



Tritanopia

65.7747, 66.8863, 82.1167

Trichromacy



Original Color

63.7022, 66.7890, 71.8215

Protanomaly

63.7461, 66.4394, 71.7517

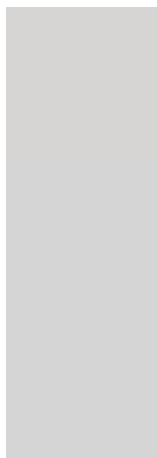
Deuteranomaly

66.4893, 66.7359, 72.3277

Tritanomaly

65.0472, 66.9598, 78.6034

Monochromacy



Original Color

63.7022, 66.7890, 71.8215

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.5360, 66.6887, 72.4743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7022, 66.7890, 71.8215 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, 213, 212) looks like.

```
.text, #text, p{  
    color:rgb(215, 213, 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(215, 213, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 213, 212) }
```

Border

The CSS property to change the border of an element to XYZ 63.7022, 66.7890, 71.8215 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, 213, 212) }
```

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

```
.border{ border-color:rgb(215, 213, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 213, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 213, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 213, 212);  
box-shadow:4px 4px 4px 4px rgb(215, 213,  
212) }
```


Background

The CSS property to change the background color of an element to XYZ 63.7022, 66.7890, 71.8215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 213, 212) }
```

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

```
.background{ background-color: rgb(215,  
213, 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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