

Converting Colors

XYZ(62.3093, 65.1518, 70.5865)

Have a look what the booklet for
XYZ(62.3093, 65.1518, 70.5865)
contains.

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Color

**XYZ(62.1200, 64.8925,
70.2242)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D2D2
RGB	213, 210, 210
RGB Percent	84%, 82%, 82%
CMY	0.1647, 0.1765, 0.1765
CMYK	0.00, 0.01, 0.01, 0.16
HSL	0°, 3%, 83%
HSV	0°, 1%, 84%
XYZ	62.1200, 64.8925, 70.2242
YIQ	210.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

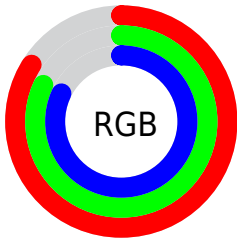
Format	Color
R_{YB}	213, 210, 210
Decimal	14013138
CIE Lab	84.43, 1.03, 0.35
CIE LCh	84, 1.090, 18.964
Yxy	64.8925, 0.3150, 0.3290
Android (android.graphics.Color)	4292203218 (0xFFD5D2D2)
YUV	210.8970, -0.4422, 1.8443
Hunter-Lab	80.5559, -3.3240, 4.7033

Details

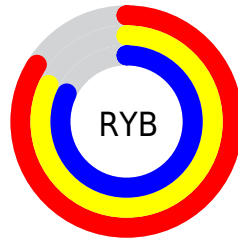
The XYZ color **62.1200, 64.8925, 70.2242** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3827, 66.0932, 72.4209**, and the grayscale version is **61.8525, 65.0736, 70.8652**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.9898, 33.4463, 36.2222** is the 20% darker color. If you saturate the color by 10%, you get **54.7338, 54.0874, 55.5295**, and if you desaturate by 10%, it is **70.5613, 77.2408, 87.0148**.

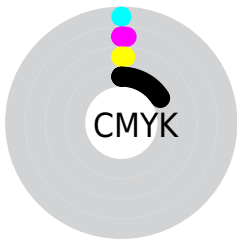
Distribution



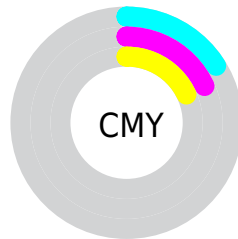
- Red (84%)
- Green (82%)
- Blue (82%)



- Red (84%)
- Yellow (82%)
- Blue (82%)



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



- Cyan (16%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1200, 64.8925, 70.2242 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 62.1200, 64.8925, 70.2242 by changing the saturation by 10% instead.

■ 62.1200, 64.8925,
70.2242

■ 62.1200, 64.8925,
70.2242

422.0793,
442.4056, 480.1472

■ 45.3856, 47.3739,
51.2314

106.9879,
111.8953, 121.2125

■ 31.9639, 33.3313,
36.0148

135.8522,
142.1483, 154.0452

■ 21.4893, 22.3804,
24.1558

169.4904,
177.4149, 192.3281

■ 13.5966, 14.1367,
15.2360

208.2680,
218.0795, 236.4800

■ 7.9205, 8.2158,
8.8367

252.5504,
264.5264, 286.9193

■ 4.0955, 4.2333,
4.5395

302.7028,

■ 1.7563, 1.8049,

317.1402, 344.0646

1.9257

359.0906,
376.3051, 408.3344

■ 0.4911, 0.4902,
0.5090

■ 0.0000, 0.0000,
0.0000

■ 62.1200, 64.8925,
70.2242

■ 62.1200, 64.8925,
70.2242

■ 54.7338, 54.0874,
55.5295

■ 70.5613, 77.2408,
87.0148

■ 48.3560, 44.7569,
42.8443

■ 80.0912, 91.1809,
105.9746

■ 42.9445, 36.8396,
32.0827

■ 81.2509, 92.8863,
108.2542

■ 38.4523, 30.2667,
23.1509

■ 34.8283, 24.9636,
15.9470

■ 32.0164, 20.8483,
10.3594

■ 29.9542, 17.8294,
6.2635

■ 28.5698, 15.8021,
3.5164

■ 27.7778, 14.6414,
1.9473

Harmonies

Analogous

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



62.1368, 64.8925, 70.9126



62.1200, 64.8925, 70.2242



61.9847, 64.8925, 69.6553

Triad

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



62.1200, 64.8925, 70.2242



61.3276, 64.8925, 69.7846



61.5892, 64.8925, 71.9745

Complementary

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



62.1200, 64.8925, 70.2242



62.3827, 66.0932, 72.4209

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.



61.3730, 64.8925, 71.6681



62.1200, 64.8925, 70.2242



61.2223, 64.8925, 70.4018

Square

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



62.1200, 64.8925, 70.2242



61.5271, 64.8925, 69.4026



61.2388, 64.8925, 71.0914



61.8299, 64.8925, 71.9262

Rectangle

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



62.1200, 64.8925, 70.2242



61.8457, 64.8925, 69.4189



61.2388, 64.8925, 71.0914



61.5113, 64.8925, 71.9095

Sweetspot

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



62.1218, 64.8953, 70.2256

95.0500, 100.0000, 108.9000



62.4983, 65.0444, 72.2124



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.



62.1218, 64.8953, 70.2256



92.6362, 96.4689, 104.0982



62.4930, 65.6375, 70.3493



13.6707, 14.2462, 15.3826



16.7643, 8.6457, 0.7852



1.0116, 0.5224, 0.0475

Inverse Universe

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



62.3827, 66.0932, 72.4209



93.1965, 99.0414, 108.8127



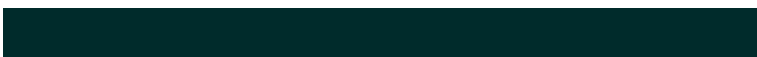
62.0082, 65.3440, 72.2960



13.7477, 14.6001, 16.0310



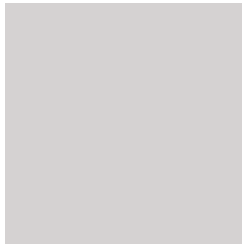
21.8306, 31.9230, 43.4643



1.3172, 1.9263, 2.6217

Previews

White Background



This preview shows how the XYZ color 62.1200, 64.8925, 70.2242 looks on a white background.

Color Contrast Check

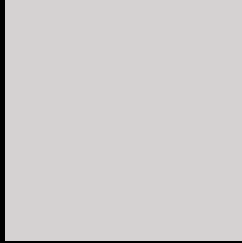
Large Text (above 18pt) WCAG AA × Fail

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 62.1200, 64.8925, 70.2242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

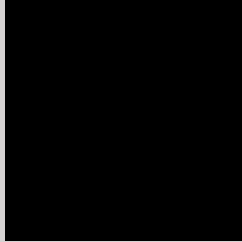
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

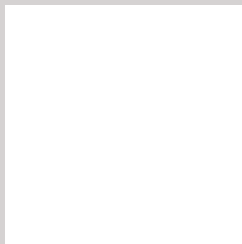
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1200, 64.8925, 70.2242

Background



This preview shows how black text looks on a background with the XYZ color 62.1200, 64.8925, 70.2242.

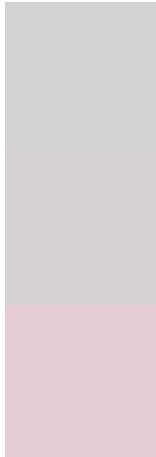


This preview shows how white text looks on a background with the XYZ color 62.1200, 64.8925,

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

62.1200, 64.8925, 70.2242

Protanopia

62.4110, 65.0425, 70.2378

Deuteranopia

65.9839, 64.7119, 70.6409



Tritanopia

64.0348, 64.9406, 79.6808

Trichromacy



Original Color

62.1200, 64.8925, 70.2242

Protanomaly

62.4110, 65.0425, 70.2378

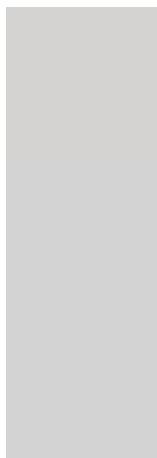
Deuteranomaly

64.5696, 64.6931, 70.7118

Tritanomaly

63.3182, 65.0115, 76.2291

Monochromacy



Original Color

62.1200, 64.8925, 70.2242

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.2035, 65.2887, 70.9515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1200, 64.8925, 70.2242 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, 210, 210) looks like.

```
.text, #text, p{  
    color:rgb(213, 210, 210)  
}
```

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, 210, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 210, 210) }
```

Border

The CSS property to change the border of an element to XYZ 62.1200, 64.8925, 70.2242 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, 210, 210) }
```

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

```
.border{ border-color:rgb(213, 210, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 210, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 210, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 210, 210);  
box-shadow:4px 4px 4px 4px rgb(213, 210,  
210) }
```


Background

The CSS property to change the background color of an element to XYZ 62.1200, 64.8925, 70.2242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 210, 210) }
```

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

```
.background{ background-color: rgb(213,  
210, 210) }
```

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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