

# Converting Colors

XYZ(62.2282, 64.9375, 70.7840)

Have a look what the booklet for  
XYZ(62.2282, 64.9375, 70.7840)  
contains.

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# Color

**XYZ(62.2450, 64.9425,  
70.8825)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5D2D3
RGB	213, 210, 211
RGB Percent	84%, 82%, 83%
CMY	0.1647, 0.1765, 0.1725
CMYK	0.00, 0.01, 0.01, 0.16
HSL	340°, 3%, 83%
HSV	340°, 1%, 84%
XYZ	62.2450, 64.9425, 70.8825
YIQ	211.0110, 1.4670, 0.9470

# Conversions

## Conversions Part 2

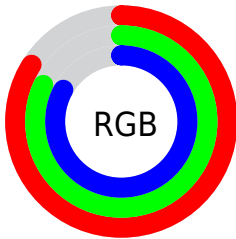
Format	Color
R <sub>Y</sub> B	213, 210, 211
Decimal	14013139
CIE Lab	84.45, 1.21, -0.14
CIE LCh	84, 1.218, 353.420
Yxy	64.9425, 0.3143, 0.3279
Android (android.graphics.Color)	4292203219 (0xFFD5D2D3)
YUV	211.0110, -0.0054, 1.7444
Hunter-Lab	80.5869, -3.1544, 4.2606

# Details

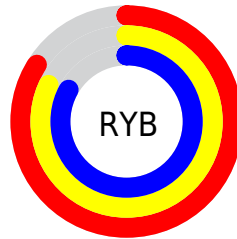
The XYZ color **62.2450, 64.9425, 70.8825** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2587, 66.0452, 71.7572**, and the grayscale version is **61.9251, 65.1500, 70.9484**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0748, 33.4804, 36.6701** is the 20% darker color. If you saturate the color by 10%, you get **55.6285, 54.4361, 60.2691**, and if you desaturate by 10%, it is **69.7228, 76.9174, 82.5624**.

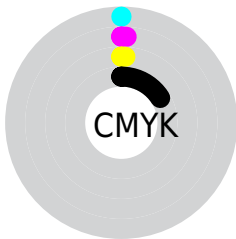
# Distribution



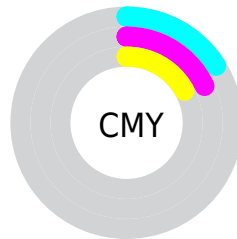
- Red (84%)
- Green (82%)
- Blue (83%)



- Red (84%)
- Yellow (82%)
- Blue (83%)



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



- Cyan (16%)
- Magenta (18%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2450, 64.9425, 70.8825 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 62.2450, 64.9425, 70.8825 by changing the saturation by 10% instead.



■ 62.2450, 64.9425,  
70.8825

■ 62.2450, 64.9425,  
70.8825

422.5275,  
442.5853, 482.5152

■ 45.4870, 47.4145,  
51.7651

107.1675,  
111.9672, 122.1593

■ 32.0441, 33.3634,  
36.4369

136.0627,  
142.2326, 155.1557

■ 21.5509, 22.4050,  
24.4794

169.7344,  
177.5126, 193.6156

■ 13.6421, 14.1548,  
15.4742

208.5480,  
218.1916, 237.9574

■ 7.9522, 8.2284,  
9.0025

252.8687,  
264.6540, 288.5998

■ 4.1159, 4.2414,  
4.6460

303.0620,

■ 1.7679, 1.8095,

317.2841, 345.9611

1.9860

359.4931,  
376.4664, 410.4601

■ 0.4982, 0.4931,  
0.5467

■ 0.0000, 0.0000,  
0.0000

■ 62.2450, 64.9425,  
70.8825

■ 62.2450, 64.9425,  
70.8825

■ 55.6285, 54.4361,  
60.2691

■ 69.7228, 76.9174,  
82.5624

■ 49.8362, 45.3333,  
50.6874

■ 78.0862, 90.4058,  
95.3338

■ 44.8365, 37.5766,  
42.1068

■ 81.0348, 92.7998,  
107.1160

■ 40.5936, 31.1017,  
34.4936

■ 81.2509, 92.8863,  
108.2542

■ 37.0689, 25.8385,  
27.8119

■ 34.2201, 21.7104,  
22.0237

■ 32.0004, 18.6319,  
17.0879

■ 30.3564, 16.5053,  
12.9598

■ 29.2253, 15.2141,  
9.5894

# Harmonies

## Analogous

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



62.1453, 64.9425, 71.6044



62.2450, 64.9425, 70.8825



62.2053, 64.9425, 70.1198

# Triad

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



62.2450, 64.9425, 70.8825



61.5190, 64.9425, 69.3508



61.4159, 64.9425, 71.9165

# Complementary

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



62.2450, 64.9425, 70.8825



62.2587, 66.0452, 71.7572

# 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.



61.2490, 64.9425, 71.3062



62.2450, 64.9425, 70.8825



61.3084, 64.9425, 69.8257

# Square

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



62.2450, 64.9425, 70.8825



61.7856, 64.9425, 69.2392



61.2097, 64.9425, 70.5405



61.6662, 64.9425, 72.2042



# Rectangle

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



62.2450, 64.9425, 70.8825



62.1052, 64.9425, 69.6905



61.2097, 64.9425, 70.5405



61.3482, 64.9425, 71.7421

# Sweetspot

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



62.2468, 64.9453, 70.8839

95.0500, 100.0000, 108.9000



62.2104, 64.8973, 72.1991



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.



62.2468, 64.9453, 70.8839



92.9012, 96.5718, 105.5039



62.2458, 65.1424, 70.2692



13.7071, 14.2604, 15.5760



17.4958, 8.9346, 4.6489



1.0931, 0.5540, 0.4797



# Inverse Universe

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



62.2468, 64.9453, 70.8839



92.9012, 96.5718, 105.5039



62.2593, 65.8448, 72.3794



13.7071, 14.2604, 15.5760



17.4958, 8.9346, 4.6489

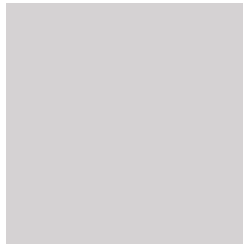


1.0931, 0.5540, 0.4797



# Previews

## White Background



This preview shows how the XYZ color 62.2450, 64.9425, 70.8825 looks on a white background.

## Color Contrast Check

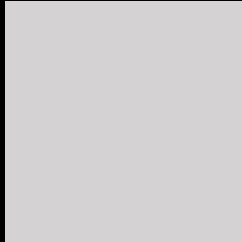
Large Text (above 18pt) WCAG AA × Fail

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 62.2450, 64.9425, 70.8825 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

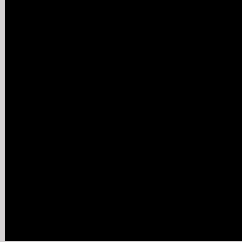
Any Text WCAG AAA ✓ Pass

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

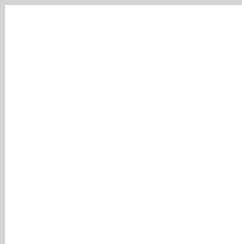


# XYZ 62.2450, 64.9425, 70.8825

## Background



This preview shows how black text looks on a background with the XYZ color 62.2450, 64.9425, 70.8825.



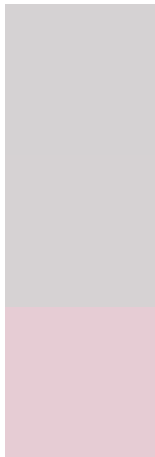
This preview shows how white text looks on a background with the XYZ color 62.2450, 64.9425,



# 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

62.2450, 64.9425, 70.8825

### Protanopia

62.5360, 65.0925, 70.8961

### Deuteranopia

66.1097, 64.7622, 71.3034



## Tritanopia

64.0348, 64.9406, 79.6808

# Trichromacy



## Original Color

62.2450, 64.9425, 70.8825

## Protanomaly

62.5360, 65.0925, 70.8961

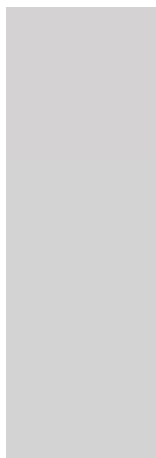
## Deuteranomaly

64.6954, 64.7434, 71.3743

## Tritanomaly

63.3182, 65.0115, 76.2291

# Monochromacy



## Original Color

62.2450, 64.9425, 70.8825

## 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 62.2450, 64.9425, 70.8825 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, 211) looks like.

```
.text, #text, p{  
    color:rgb(213, 210, 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(213, 210, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 210, 211) }
```

## Border

The CSS property to change the border of an element to XYZ 62.2450, 64.9425, 70.8825 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, 211) }
```

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

```
.border{ border-color:rgb(213, 210, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 210, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 210, 211);  
box-shadow:4px 4px 4px 4px rgb(213, 210,  
211) }
```



# Background

The CSS property to change the background color of an element to XYZ 62.2450, 64.9425, 70.8825 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, 211) }
```

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

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