

# Converting Colors

XYZ(61.4823, 64.5075, 72.8307)

Have a look what the booklet for  
XYZ(61.4823, 64.5075, 72.8307)  
contains.

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# Color

**XYZ(61.4787, 64.5035,  
72.8285)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D1D2D6
RGB	209, 210, 214
RGB Percent	82%, 82%, 84%
CMY	0.1804, 0.1765, 0.1608
CMYK	0.02, 0.02, 0.00, 0.16
HSL	228°, 6%, 83%
HSV	228°, 2%, 84%
XYZ	61.4787, 64.5035, 72.8285
YIQ	210.1570, -1.8800, 1.0320

# Conversions

## Conversions Part 2

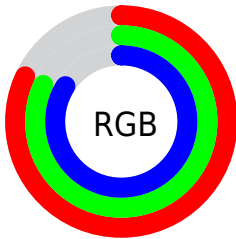
Format	Color
RYB	209, 210, 214
Decimal	13750998
CIELab	84.23, 0.40, -2.10
CIELCh	84, 2.140, 280.746
Yxy	64.5035, 0.3092, 0.3244
Android (android.graphics.Color)	4291941078 (0xFFD1D2D6)
YUV	210.1570, 1.8946, -1.0147
Hunter-Lab	80.3141, -3.9117, 2.4559

# Details

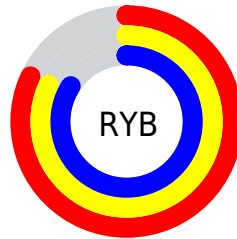
The XYZ color **61.4787, 64.5035, 72.8285** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0346, 66.4875, 69.8338**, and the grayscale version is **61.3520, 64.5471, 70.2918**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6640, 33.2487, 37.5497** is the 20% darker color. If you saturate the color by 10%, you get **51.8264, 53.5911, 71.2319**, and if you desaturate by 10%, it is **72.3995, 76.7436, 74.6165**.

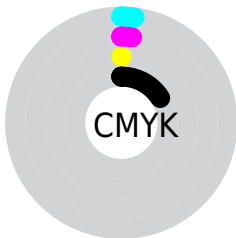
# Distribution



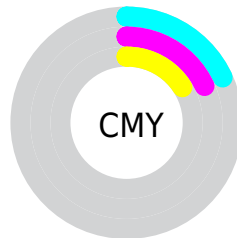
- Red (82%)
- Green (82%)
- Blue (84%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4787, 64.5035, 72.8285 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 61.4787, 64.5035, 72.8285 by changing the saturation by 10% instead.



■ 61.4787, 64.5035,  
72.8285

■ 61.4787, 64.5035,  
72.8285

419.7749,  
441.0056, 489.4750

■ 44.8656, 47.0586,  
53.3448

106.0659,  
111.3357, 124.9524

■ 31.5524, 33.0820,  
37.6885

134.7708,  
141.4919, 158.4296

■ 21.1737, 22.1893,  
25.4410

168.2370,  
176.6539, 197.4084

■ 13.3642, 13.9960,  
16.1839

206.8298,  
217.2061, 242.3073

■ 7.7586, 8.1179,  
9.4986

250.9147,  
263.5330, 293.5449

■ 3.9914, 4.1705,  
4.9666

300.8569,

■ 1.6972, 1.7694,

316.0190, 351.5397

2.1693

357.0219,  
375.0484, 416.7102

■ 0.4545, 0.4680,  
0.6566

■ 0.0000, 0.0000,  
0.0000

■ 61.4787, 64.5035,  
72.8285

■ 61.4787, 64.5035,  
72.8285

■ 51.8264, 53.5911,  
71.2319

■ 72.3995, 76.7436,  
74.6165

■ 43.3906, 43.9533,  
69.8162

■ 84.6270, 90.3457,  
76.5975

■ 36.1241, 35.5454,  
68.5763

■ 89.1378, 97.6351,  
77.7667

■ 29.9744, 28.3171,  
67.5053

■ 24.8846, 22.2144,  
66.5956

■ 20.7932, 17.1792,  
65.8393

■ 17.6317, 13.1477,  
65.2278

■ 15.3226, 10.0490,  
64.7514

■ 13.7750, 7.8020,  
64.3993

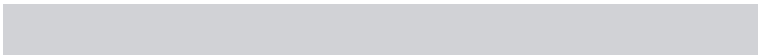
# Harmonies

## Analogous

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



61.0087, 64.5035, 72.7259



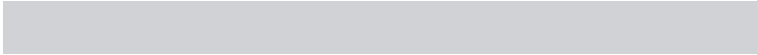
61.4787, 64.5035, 72.8285



61.9053, 64.5035, 72.2290

# Triad

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



61.4787, 64.5035, 72.8285



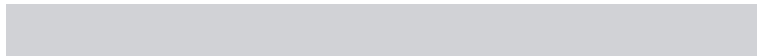
62.0016, 64.5035, 68.5438



60.4524, 64.5035, 69.3763

# Complementary

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



61.4787, 64.5035, 72.8285



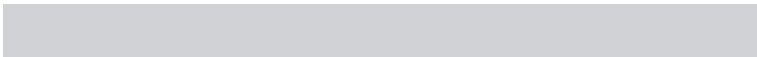
63.0346, 66.4875, 69.8338

# 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.



60.7158, 64.5035, 68.2748



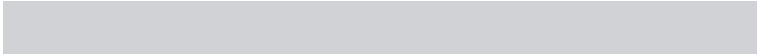
61.4787, 64.5035, 72.8285



61.6096, 64.5035, 67.7984

# Square

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



61.4787, 64.5035, 72.8285



62.2082, 64.5035, 69.7479



61.1389, 64.5035, 67.7006

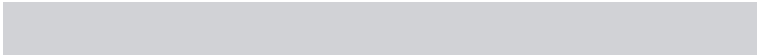


60.4178, 64.5035, 70.7211



# Rectangle

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



61.4787, 64.5035, 72.8285



62.1071, 64.5035, 71.5163



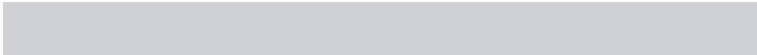
61.1389, 64.5035, 67.7006



60.5171, 64.5035, 68.9658

# Sweetspot

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



61.4805, 64.5063, 72.8299



93.4712, 98.2259, 108.6408



62.3418, 66.4494, 72.4366



20.0233, 21.0431, 23.2563



0.0000, 0.0000, 0.0000

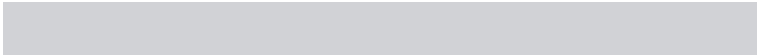


20.3446, 21.4041, 23.3091

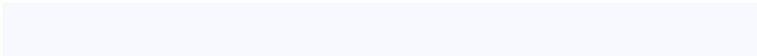


# Same Dimension

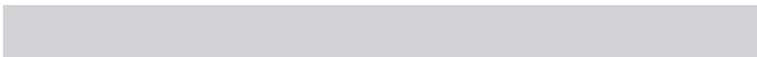
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.4805, 64.5063, 72.8299



90.3715, 94.7382, 108.1309



61.6362, 64.2200, 72.7664



13.1493, 13.7718, 15.9027



7.9165, 4.0948, 38.8263



0.5369, 0.3658, 2.3616



# Inverse Universe

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



62.1663, 64.5515, 70.1591



91.6888, 94.8282, 102.9997



62.8761, 66.7816, 69.8989



13.3896, 13.7888, 14.9663



17.0547, 8.7582, 2.3264

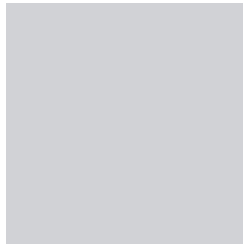


1.0587, 0.5403, 0.2983



# Previews

## White Background



This preview shows how the XYZ color 61.4787, 64.5035, 72.8285 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

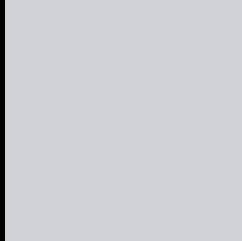
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.4787, 64.5035, 72.8285 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

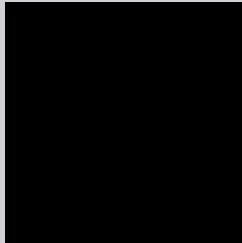
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

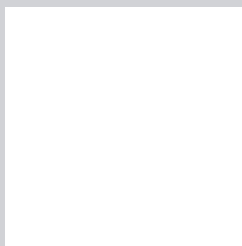
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 61.4787, 64.5035, 72.8285**

## **Background**



This preview shows how black text looks on a background with the XYZ color 61.4787, 64.5035, 72.8285.



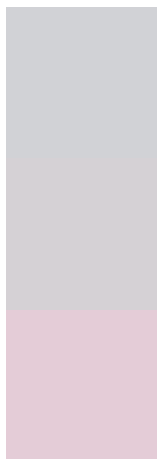
This preview shows how white text looks on a background with the XYZ color 61.4787, 64.5035,



# 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

61.4787, 64.5035, 72.8285

### Protanopia

62.2513, 64.5512, 72.1294

### Deuteranopia

65.8535, 64.5860, 73.2855



## Tritanopia

63.0105, 64.3969, 80.3430

# Trichromacy



## Original Color

61.4787, 64.5035, 72.8285

## Protanomaly

61.9621, 64.4021, 72.1159

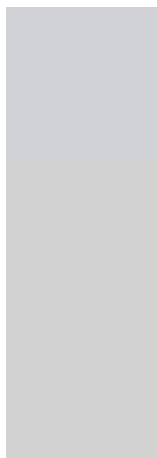
## Deuteranomaly

64.1558, 64.4211, 73.3431

## Tritanomaly

62.4300, 64.5230, 77.5704

# Monochromacy



## Original Color

61.4787, 64.5035, 72.8285

## Achromatopsia

61.2578, 64.4480, 70.1838

## Achromatomaly

61.3828, 64.4980, 70.8421

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.4787, 64.5035, 72.8285 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(209, 210, 214) looks like.

```
.text, #text, p{  
    color:rgb(209, 210, 214)  
}
```

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(209, 210, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 210, 214) }
```

## Border

The CSS property to change the border of an element to XYZ 61.4787, 64.5035, 72.8285 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(209, 210, 214) }
```



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

```
.border{ border-color:rgb(209, 210, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 210, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 210, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 210, 214);  
box-shadow:4px 4px 4px 4px rgb(209, 210,  
214) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.4787, 64.5035, 72.8285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 210, 214) }
```

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

```
.background{ background-color: rgb(209,  
210, 214) }
```

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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