

Converting Colors

XYZ(64.9810, 67.7082, 71.3936)

Have a look what the booklet for
XYZ(64.9810, 67.7082, 71.3936)
contains.

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Color

**XYZ(65.0179, 67.8564,
71.2988)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD6D3
RGB	219, 214, 211
RGB Percent	86%, 84%, 83%
CMY	0.1412, 0.1608, 0.1725
CMYK	0.00, 0.02, 0.04, 0.14
HSL	23°, 10%, 84%
HSV	23°, 4%, 86%
XYZ	65.0179, 67.8564, 71.2988
YIQ	215.1530, 3.9430, 0.1270

Conversions

Conversions Part 2

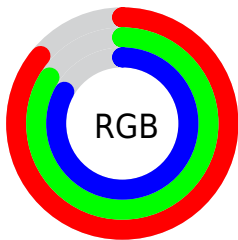
Format	Color
R _Y B	219, 216, 211
Decimal	14407379
CIE Lab	85.93, 1.18, 2.07
CIE LCh	86, 2.388, 60.300
Yxy	67.8564, 0.3184, 0.3323
Android (android.graphics.Color)	4292597459 (0xFFD6D6D3)
YUV	215.1530, -2.0474, 3.3738
Hunter-Lab	82.3750, -3.2677, 6.3447

Details

The XYZ color **65.0179, 67.8564, 71.2988** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2060, 68.0741, 76.7744**, and the grayscale version is **64.7082, 68.0780, 74.1370**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7938, 35.1231, 36.8966** is the 20% darker color. If you saturate the color by 10%, you get **59.1406, 60.1996, 56.7045**, and if you desaturate by 10%, it is **71.5638, 76.2500, 87.9631**.

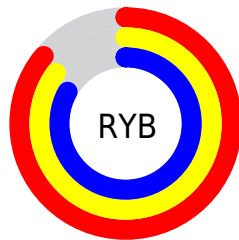
Distribution



Red (86%)

Green (84%)

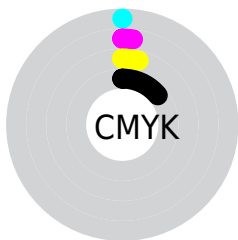
Blue (83%)



Red (86%)

Yellow (85%)

Blue (83%)

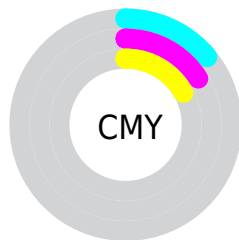


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (14%)



Cyan (14%)

Magenta (16%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0179, 67.8564, 71.2988 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 65.0179, 67.8564, 71.2988 by changing the saturation by 10% instead.

■ 65.0179, 67.8564,
71.2988

■ 65.0179, 67.8564,
71.2988

432.4005,
452.9871, 484.0091

■ 47.7403, 49.7809,
52.1027

111.1412,
116.1467, 122.7575

■ 33.8317, 35.2394,
36.7042

140.7176,
147.1303, 155.8572

■ 22.9266, 23.8473,
24.6845

175.1243,
183.1854, 194.4286

■ 14.6597, 15.2204,
15.6253

214.7268,
224.6964, 238.8902

■ 8.6657, 8.9742,
9.1079

259.8902,
272.0476, 289.6605

■ 4.5791, 4.7244,
4.7139

310.9801,

■ 2.0347, 2.0865,

325.6236, 347.1580

2.0246

368.3617,
385.8086, 411.8014

■ 0.6533, 0.6570,
0.5703

■ 0.0000, 0.0000,
0.0000

■ 65.0179, 67.8564,
71.2988

■ 65.0179, 67.8564,
71.2988

■ 59.1406, 60.1996,
56.7045

■ 71.5638, 76.2500,
87.9631

■ 53.9040, 53.2507,
44.0942

■ 78.7937, 85.3910,
106.7698

■ 49.2866, 46.9912,
33.3825

■ 83.0238, 93.8003,
108.3372

■ 45.2635, 41.3991,
24.4759

■ 41.8079, 36.4507,
17.2731

■ 38.8907, 32.1208,
11.6625

■ 36.4798, 28.3825,
7.5188

■ 34.5391, 25.2062,
4.6980

■ 33.0260, 22.5589,
3.0256

Harmonies

Analogous

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



65.4077, 67.8564, 72.3750



65.0179, 67.8564, 71.2988



64.4900, 67.8564, 70.9132

Triad

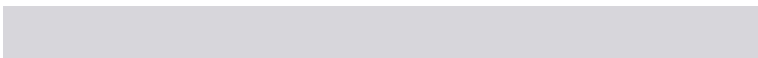
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.0179, 67.8564, 71.2988



63.4496, 67.8564, 73.8998



65.0275, 67.8564, 76.5150

Complementary

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



65.0179, 67.8564, 71.2988



64.2060, 68.0741, 76.7744

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.



64.5010, 67.8564, 76.9368



65.0179, 67.8564, 71.2988



63.5918, 67.8564, 75.4140

Square

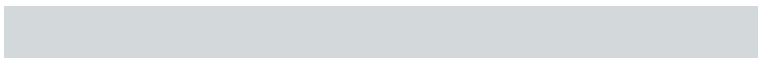
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.0179, 67.8564, 71.2988



63.5863, 67.8564, 72.4019



63.9759, 67.8564, 76.5311



65.4132, 67.8564, 75.3863

Rectangle

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



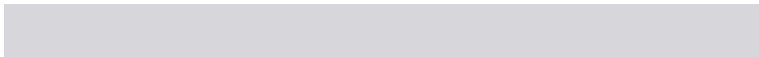
65.0179, 67.8564, 71.2988



64.1313, 67.8564, 71.0953



63.9759, 67.8564, 76.5311



64.8610, 67.8564, 76.7449

Sweetspot

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



65.0198, 67.8593, 71.3003



94.1362, 98.8250, 106.5834



64.9119, 66.6110, 74.4479



20.1587, 21.1650, 22.8377



0.0000, 0.0000, 0.0000



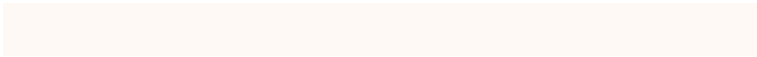
20.3446, 21.4041, 23.3091

Same Dimension

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



65.0198, 67.8593, 71.3003



91.4523, 95.3632, 99.8131



66.0264, 69.8725, 71.6358



14.0715, 14.6502, 15.2275



19.2187, 12.7230, 1.4429



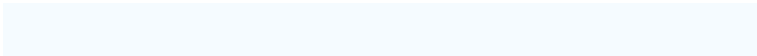
1.3263, 0.9867, 0.1206

Inverse Universe

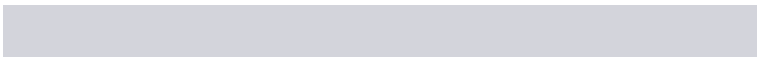
The Inverse Universe completely reimagines the original color for something new.



64.2060, 68.0741, 76.7744



90.1868, 95.6972, 108.3258



63.2113, 66.0847, 76.4428



13.8434, 14.7104, 16.7619



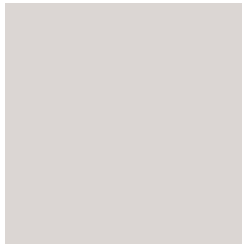
12.9749, 13.8193, 41.7219



0.9224, 1.0589, 2.7302

Previews

White Background



This preview shows how the XYZ color 65.0179, 67.8564, 71.2988 looks on a white background.

Color Contrast Check

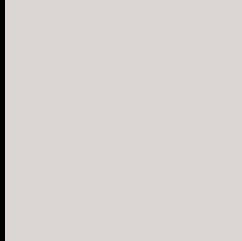
Large Text (above 18pt) WCAG AA × Fail

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 65.0179, 67.8564, 71.2988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

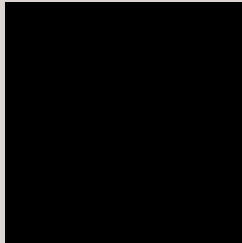
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

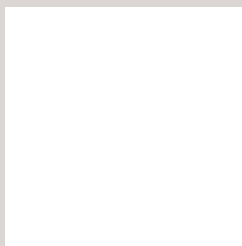
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0179, 67.8564, 71.2988

Background



This preview shows how black text looks on a background with the XYZ color 65.0179, 67.8564, 71.2988.

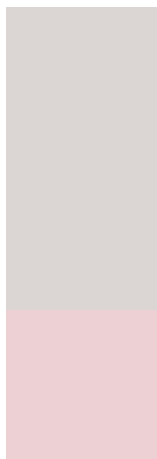


This preview shows how white text looks on a background with the XYZ color 65.0179, 67.8564,

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

65.0179, 67.8564, 71.2988

Protanopia

65.0179, 67.8564, 71.2988

Deuteranopia

69.0316, 67.6981, 71.7160



Tritanopia

67.4221, 67.7196, 82.9164

Trichromacy



Original Color

65.0179, 67.8564, 71.2988

Protanomaly

65.0179, 67.8564, 71.2988

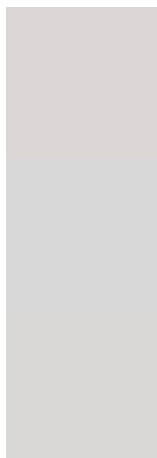
Deuteranomaly

67.5634, 67.6696, 71.7879

Tritanomaly

66.5471, 67.7330, 78.6736

Monochromacy



Original Color

65.0179, 67.8564, 71.2988

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.7569, 68.0548, 73.3412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0179, 67.8564, 71.2988 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(219, 214, 211) looks like.

```
.text, #text, p{  
    color:rgb(219, 214, 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(219, 214, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 214, 211) }
```

Border

The CSS property to change the border of an element to XYZ 65.0179, 67.8564, 71.2988 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(219, 214, 211) }
```


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

```
.border{ border-color:rgb(219, 214, 211) }
```

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

Here you see how a box with a 4 pixel rgb(219, 214, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 214, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 214, 211);  
box-shadow:4px 4px 4px 4px rgb(219, 214,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0179, 67.8564, 71.2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 214, 211) }
```

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

```
.background{ background-color: rgb(219,  
214, 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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