

Converting Colors

XYZ(63.8372, 65.6994, 71.8407)

Have a look what the booklet for
XYZ(63.8372, 65.6994, 71.8407)
contains.

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Color

**XYZ(63.8437, 65.7521,
71.6139)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD2D4
RGB	218, 210, 212
RGB Percent	85%, 82%, 83%
CMY	0.1451, 0.1764, 0.1686
CMYK	0.00, 0.04, 0.03, 0.15
HSL	345°, 10%, 84%
HSV	345°, 4%, 85%
XYZ	63.8437, 65.7521, 71.6139
YIQ	212.6200, 4.1260, 2.3180

Conversions

Conversions Part 2

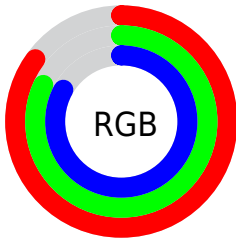
Format	Color
R _Y B	218, 210, 212
Decimal	14340820
CIE Lab	84.87, 3.10, -0.02
CIE LCh	85, 3.105, 359.686
Yxy	65.7521, 0.3173, 0.3268
Android (android.graphics.Color)	4292530900 (0xFFDAD2D4)
YUV	212.6200, -0.3057, 4.7183
Hunter-Lab	81.0877, -1.3629, 4.3984

Details

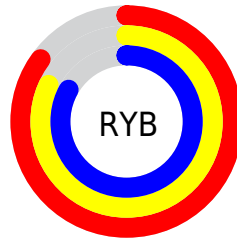
The XYZ color **63.8437, 65.7521, 71.6139** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.0469, 68.8040, 74.8740**, and the grayscale version is **62.9937, 66.2743, 72.1727**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.0785, 33.9978, 36.7171** is the 20% darker color. If you saturate the color by 10%, you get **56.8642, 54.9291, 59.6177**, and if you desaturate by 10%, it is **71.7692, 78.1307, 84.9585**.

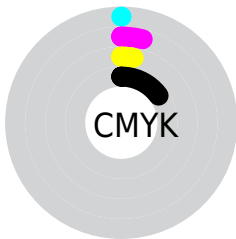
Distribution



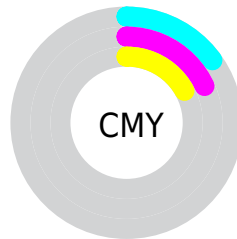
- Red (85%)
- Green (82%)
- Blue (83%)



- Red (85%)
- Yellow (82%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.8437, 65.7521, 71.6139 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 63.8437, 65.7521, 71.6139 by changing the saturation by 10% instead.

■ 63.8437, 65.7521,
71.6139

■ 63.8437, 65.7521,
71.6139

428.2362,
445.4898, 485.1380

■ 46.7853, 48.0712,
52.3584

109.4608,
113.1305, 123.2100

■ 33.0732, 33.8833,
36.9066

138.7502,
143.5967, 156.3878

■ 22.3420, 22.8039,
24.8400

172.8473,
179.0935, 195.0434

■ 14.2264, 14.4488,
15.7400

212.1175,
220.0053, 239.5954

■ 8.3611, 8.4335,
9.1880

256.9262,
266.7164, 290.4623

■ 4.3806, 4.3735,
4.7655

307.6386,

■ 1.9196, 1.8846,

319.6112, 348.0627

2.0540

364.6201,
379.0742, 412.8151

■ 0.5882, 0.5391,
0.5882

■ 0.0000, 0.0000,
0.0000

■ 63.8437, 65.7521,
71.6139

■ 63.8437, 65.7521,
71.6139

■ 56.8642, 54.9291,
59.6177

■ 71.7692, 78.1307,
84.9585

■ 50.7895, 45.5918,
48.9231

■ 80.6687, 92.1144,
99.6876

■ 45.5834, 37.6777,
39.4870

■ 82.7238, 93.6456,
108.3231

■ 41.2055, 31.1163,
31.2621

■ 37.6116, 25.8313,
24.1981

■ 34.7537, 21.7388,
18.2411

■ 32.5780, 18.7444,
13.3326

■ 31.0233, 16.7398,
9.4084

■ 30.0161, 15.5936,
6.3961

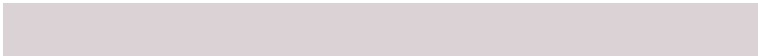
Harmonies

Analogous

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



63.6582, 65.7521, 73.5456



63.8437, 65.7521, 71.6139



63.6657, 65.7521, 69.7108

Triad

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



63.8437, 65.7521, 71.6139



61.8347, 65.7521, 68.3134



61.8221, 65.7521, 74.9539

Complementary

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



63.8437, 65.7521, 71.6139



64.0469, 68.8040, 74.8740

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.



61.3396, 65.7521, 73.5085



63.8437, 65.7521, 71.6139



61.3468, 65.7521, 69.6750

Square

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



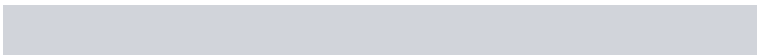
63.8437, 65.7521, 71.6139



62.5027, 65.7521, 67.8269



61.1662, 65.7521, 71.5718



62.4881, 65.7521, 75.4957

Rectangle

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



63.8437, 65.7521, 71.6139



63.3655, 65.7521, 68.7090



61.1662, 65.7521, 71.5718



61.6333, 65.7521, 74.5563

Sweetspot

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



63.8456, 65.7549, 71.6153



93.9353, 98.2612, 107.0163



64.0225, 65.7571, 75.6485



20.1178, 21.0503, 22.9258



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.



63.8456, 65.7549, 71.6153



90.6740, 93.1807, 101.4830



64.0919, 66.6481, 70.4626



13.9316, 14.2580, 15.5274



17.7636, 9.1065, 3.1351



1.1853, 0.6038, 0.3848

Inverse Universe

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



63.8456, 65.7549, 71.6153



90.6740, 93.1807, 101.4830



63.7913, 67.8773, 76.0700



13.9316, 14.2580, 15.5274



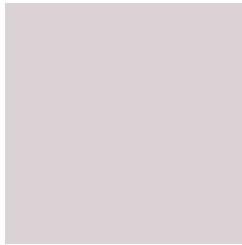
17.7636, 9.1065, 3.1351



1.1853, 0.6038, 0.3848

Previews

White Background



This preview shows how the XYZ color 63.8437, 65.7521, 71.6139 looks on a white background.

Color Contrast Check

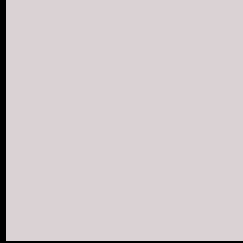
Large Text (above 18pt) WCAG AA × Fail

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 63.8437, 65.7521, 71.6139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

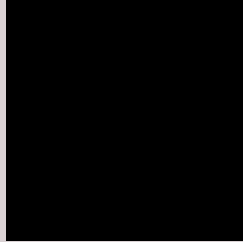
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

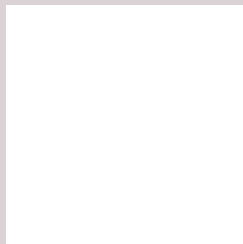
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.8437, 65.7521, 71.6139

Background



This preview shows how black text looks on a background with the XYZ color 63.8437, 65.7521, 71.6139.



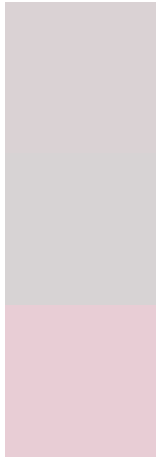
This preview shows how white text looks on a background with the XYZ color 63.8437, 65.7521,

71.6139.

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

63.8437, 65.7521, 71.6139

Protanopia

63.2023, 65.7891, 71.6548

Deuteranopia

67.1203, 65.6225, 72.0796



Tritanopia

65.5256, 65.7092, 79.7506

Trichromacy



Original Color

63.8437, 65.7521, 71.6139

Protanomaly

63.4968, 65.9409, 71.6686

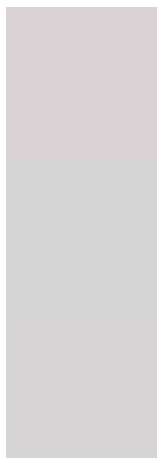
Deuteranomaly

66.0016, 65.7606, 72.1652

Tritanomaly

64.9321, 65.8283, 76.9940

Monochromacy



Original Color

63.8437, 65.7521, 71.6139

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.5781, 66.3381, 72.4044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8437, 65.7521, 71.6139 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(218, 210, 212) looks like.

```
.text, #text, p{  
    color:rgb(218, 210, 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(218, 210, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 210, 212) }
```

Border

The CSS property to change the border of an element to XYZ 63.8437, 65.7521, 71.6139 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(218, 210, 212) }
```


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

```
.border{ border-color:rgb(218, 210, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 210, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 210, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 210, 212);  
box-shadow:4px 4px 4px 4px rgb(218, 210,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8437, 65.7521, 71.6139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 210, 212) }
```

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

```
.background{ background-color: rgb(218,  
210, 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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