

Converting Colors

XYZ(64.7416, 67.6211, 71.6404)

Have a look what the booklet for
XYZ(64.7416, 67.6211, 71.6404)
contains.

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Color

**XYZ(64.8437, 67.7520,
71.9472)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD6D4
RGB	218, 214, 212
RGB Percent	85%, 84%, 83%
CMY	0.1451, 0.1608, 0.1686
CMYK	0.00, 0.02, 0.03, 0.15
HSL	20°, 8%, 84%
HSV	20°, 3%, 85%
XYZ	64.8437, 67.7520, 71.9472
YIQ	214.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

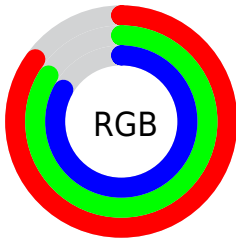
Format	Color
R _Y B	218, 215, 212
Decimal	14341844
CIE Lab	85.88, 1.01, 1.46
CIE LCh	86, 1.777, 55.184
Yxy	67.7520, 0.3170, 0.3312
Android (android.graphics.Color)	4292531924 (0xFFDAD6D4)
YUV	214.9680, -1.4632, 2.6591
Hunter-Lab	82.3116, -3.4260, 5.7937

Details

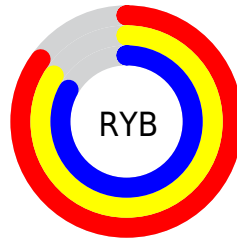
The XYZ color **64.8437, 67.7520, 71.9472** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.3622, 68.1700, 76.0965**, and the grayscale version is **64.5794, 67.9426, 73.9895**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5882, 35.0171, 36.8870** is the 20% darker color. If you saturate the color by 10%, you get **58.7653, 59.7025, 57.2572**, and if you desaturate by 10%, it is **71.6249, 76.6111, 88.7050**.

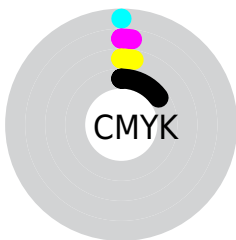
Distribution



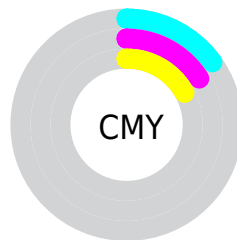
- Red (85%)
- Green (84%)
- Blue (83%)



- Red (85%)
- Yellow (84%)
- Blue (83%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8437, 67.7520, 71.9472 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 64.8437, 67.7520, 71.9472 by changing the saturation by 10% instead.

■ 64.8437, 67.7520,
71.9472

■ 64.8437, 67.7520,
71.9472

431.7842,
452.6168, 486.3304

■ 47.5986, 49.6960,
52.6290

110.8921,
115.9973, 123.6885

■ 33.7190, 35.1719,
37.1210

140.4260,
146.9554, 156.9486

■ 22.8397, 23.7953,
25.0046

174.7870,
182.9829, 195.6931

■ 14.5952, 15.1819,
15.8615

214.3403,
224.4644, 240.3406

■ 8.6203, 8.9471,
9.2729

259.4513,
271.7841, 291.3095

■ 4.5495, 4.7067,
4.8204

310.4854,

■ 2.0174, 2.0762,

325.3265, 349.0184

2.0854

367.8079,
385.4759, 413.8859

■ 0.6437, 0.6512,
0.6070

■ 0.0000, 0.0000,
0.0000

■ 64.8437, 67.7520,
71.9472

■ 64.8437, 67.7520,
71.9472

■ 58.7653, 59.7025,
57.2572

■ 71.6249, 76.6111,
88.7050

■ 53.3607, 52.4308,
44.5498

■ 79.0282, 86.2543,
107.0912

■ 48.6072, 45.9160,
33.7407

■ 82.7239, 93.6457,
108.3231

■ 44.4785, 40.1326,
24.7375

■ 40.9466, 35.0539,
17.4401

■ 37.9809, 30.6513,
11.7386

■ 35.5480, 26.8942,
7.5099

■ 33.6103, 23.7489,
4.6126

■ 32.1239, 21.1784,
2.8771

Harmonies

Analogous

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



65.1064, 67.7520, 72.8216



64.8437, 67.7520, 71.9472



64.4619, 67.7520, 71.5614

Triad

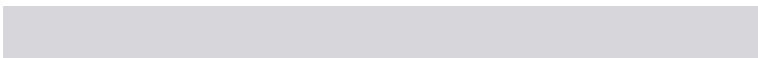
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.8437, 67.7520, 71.9472



63.6202, 67.7520, 73.5826



64.7295, 67.7520, 75.8155

Complementary

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



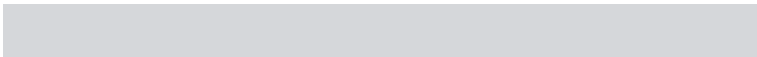
64.8437, 67.7520, 71.9472



64.3622, 68.1700, 76.0965

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.



64.3306, 67.7520, 76.0244



64.8437, 67.7520, 71.9472



63.6913, 67.7520, 74.7274

Square

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



64.8437, 67.7520, 71.9472



63.7564, 67.7520, 72.4993



63.9509, 67.7520, 75.6242



65.0403, 67.7520, 75.0563

Rectangle

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



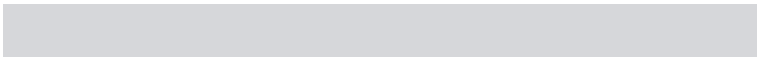
64.8437, 67.7520, 71.9472



64.1917, 67.7520, 71.6303



63.9509, 67.7520, 75.6242



64.6013, 67.7520, 75.9527

Sweetspot

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



64.8456, 67.7549, 71.9487



94.1027, 98.7579, 106.5722



64.8526, 66.9513, 74.4716



20.1518, 21.1514, 22.8354



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.



64.8456, 67.7549, 71.9487



92.2385, 96.3090, 102.0071



65.6110, 69.2857, 72.2038



14.1798, 14.7768, 15.5407



18.8304, 11.9464, 1.3134



1.2977, 0.9295, 0.1110

Inverse Universe

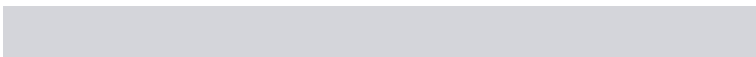
The Inverse Universe completely reimagines the original color for something new.



64.3622, 68.1700, 76.0965



91.4818, 96.9587, 108.5010



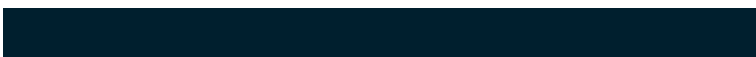
63.6015, 66.6486, 75.8430



14.0343, 14.9017, 16.7888



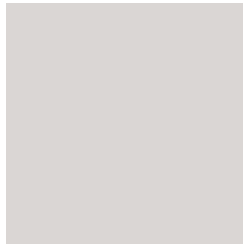
13.7690, 15.4075, 41.9866



0.9701, 1.1543, 2.7461

Previews

White Background



This preview shows how the XYZ color 64.8437, 67.7520, 71.9472 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 64.8437, 67.7520, 71.9472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

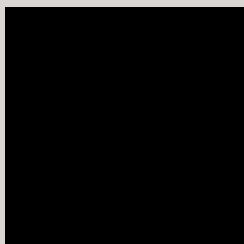
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

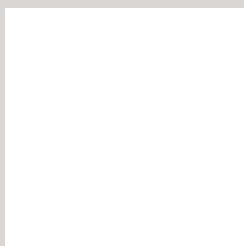
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.8437, 67.7520, 71.9472

Background



This preview shows how black text looks on a background with the XYZ color 64.8437, 67.7520, 71.9472.

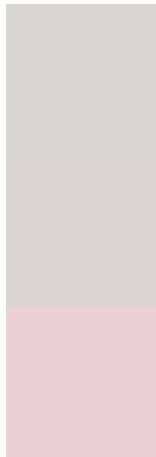


This preview shows how white text looks on a background with the XYZ color 64.8437, 67.7520,

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

64.8437, 67.7520, 71.9472

Protanopia

65.1436, 67.9067, 71.9612

Deuteranopia

69.1582, 67.7487, 72.3826



Tritanopia

67.0623, 67.9040, 82.9710

Trichromacy



Original Color

64.8437, 67.7520, 71.9472

Protanomaly

65.1436, 67.9067, 71.9612

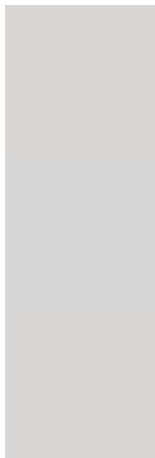
Deuteranomaly

67.3699, 67.5553, 72.4395

Tritanomaly

66.1925, 67.9225, 78.7289

Monochromacy



Original Color

64.8437, 67.7520, 71.9472

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 64.8437, 67.7520, 71.9472 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, 214, 212) looks like.

```
.text, #text, p{  
    color:rgb(218, 214, 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, 214, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 214, 212) }
```

Border

The CSS property to change the border of an element to XYZ 64.8437, 67.7520, 71.9472 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, 214, 212) }
```


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

```
.border{ border-color:rgb(218, 214, 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, 214, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 214, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 214, 212);  
box-shadow:4px 4px 4px 4px rgb(218, 214,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8437, 67.7520, 71.9472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 214, 212) }
```

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

```
.background{ background-color: rgb(218,  
214, 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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