

Converting Colors

XYZ(67.5868, 70.2314, 75.6429)

Have a look what the booklet for
XYZ(67.5868, 70.2314, 75.6429)
contains.

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Color

**XYZ(67.4614, 70.1651,
75.6333)**

Conversions

Conversions Part 1

Format	Color
Hex	DED9D9
RGB	222, 217, 217
RGB Percent	87%, 85%, 85%
CMY	0.1294, 0.1490, 0.1490
CMYK	0.00, 0.02, 0.02, 0.13
HSL	0°, 7%, 86%
HSV	0°, 2%, 87%
XYZ	67.4614, 70.1651, 75.6333
YIQ	218.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

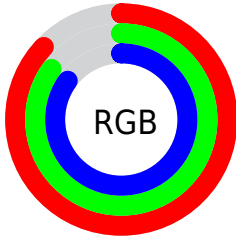
Format	Color
R _Y B	222, 217, 217
Decimal	14604761
CIE Lab	87.08, 1.71, 0.59
CIE LCh	87, 1.808, 19.213
Yxy	70.1651, 0.3163, 0.3290
Android (android.graphics.Color)	4292794841 (0xFFDED9D9)
YUV	218.4950, -0.7370, 3.0739
Hunter-Lab	83.7646, -2.8297, 5.1007

Details

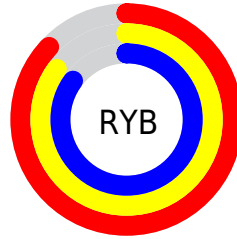
The XYZ color **67.4614, 70.1651, 75.6333** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.9212, 72.2670, 79.4771**, and the grayscale version is **66.9875, 70.4760, 76.7484**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3783, 36.6648, 39.3948** is the 20% darker color. If you saturate the color by 10%, you get **59.4278, 58.4117, 59.6546**, and if you desaturate by 10%, it is **76.6560, 83.6170, 93.9172**.

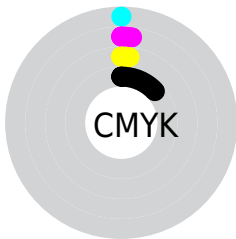
Distribution



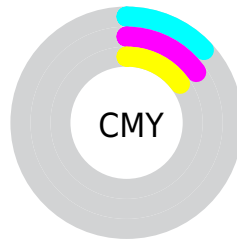
- Red (87%)
- Green (85%)
- Blue (85%)



- Red (87%)
- Yellow (85%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4614, 70.1651, 75.6333 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 67.4614, 70.1651, 75.6333 by changing the saturation by 10% instead.

■ 67.4614, 70.1651,
75.6333

■ 67.4614, 70.1651,
75.6333

440.9921,
461.1295, 499.4049

■ 49.7318, 51.6611,
55.6270

114.6275,
119.4442, 128.9638

■ 35.4172, 36.7350,
39.5020

144.7946,
150.9881, 163.1250

■ 24.1525, 25.0024,
26.8396

179.8382,
187.6474, 202.8417

■ 15.5721, 16.0789,
17.2214

220.1238,
229.8066, 248.5323

■ 9.3108, 9.5800,
10.2289

266.0166,
277.8500, 300.6153

■ 5.0032, 5.1214,
5.4434

317.8820,

■ 2.2839, 2.3186,

332.1620, 359.5094

2.4464

376.0854,
393.1270, 425.6331

■ 0.7864, 0.7836,
0.8116

■ 0.0000, 0.0000,
0.0000

■ 67.4614, 70.1651,
75.6333

■ 67.4614, 70.1651,
75.6333

■ 59.4278, 58.4117,
59.6546

■ 76.6560, 83.6170,
93.9172

■ 52.5034, 48.2807,
45.8851

■ 83.9345, 94.2698,
108.3798

■ 46.6413, 39.7036,
34.2292

■ 41.7891, 32.6036,
24.5822

■ 37.8896, 26.8973,
16.8307

■ 34.8802, 22.4932,
10.8499

■ 32.6909, 19.2887,
6.5003

■ 31.2409, 17.1659,
3.6212

■ 30.4334, 15.9830,
2.0196

Harmonies

Analogous

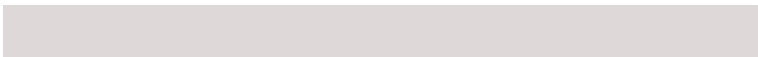
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.4926, 70.1651, 76.8350



67.4614, 70.1651, 75.6333



67.2230, 70.1651, 74.6464

Triad

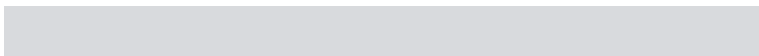
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.4614, 70.1651, 75.6333



66.0754, 70.1651, 74.8852



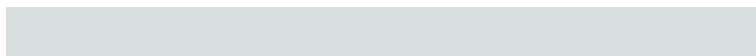
66.5376, 70.1651, 78.7107

Complementary

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



67.4614, 70.1651, 75.6333



67.9212, 72.2670, 79.4771

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.



66.1595, 70.1651, 78.1765



67.4614, 70.1651, 75.6333



65.8934, 70.1651, 75.9624

Square

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



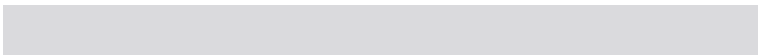
67.4614, 70.1651, 75.6333



66.4223, 70.1651, 74.2177



65.9242, 70.1651, 77.1676



66.9580, 70.1651, 78.6203

Rectangle

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



67.4614, 70.1651, 75.6333



66.9791, 70.1651, 74.2391



65.9242, 70.1651, 77.1676



66.4014, 70.1651, 78.5980

Sweetspot

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



67.4634, 70.1681, 75.6348



93.8346, 98.2219, 106.4829



68.1227, 70.4303, 79.1119



20.0973, 21.0423, 22.8172



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.



67.4634, 70.1681, 75.6348



91.4523, 94.7365, 101.7450



68.1116, 71.4646, 75.8509



14.7316, 15.1997, 16.2645



17.8947, 9.2273, 0.8379



1.2407, 0.6402, 0.0582

Inverse Universe

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



67.9212, 72.2670, 79.4771



92.2894, 98.5740, 108.7703



67.2632, 70.9510, 79.2577



14.9010, 15.9762, 17.6860



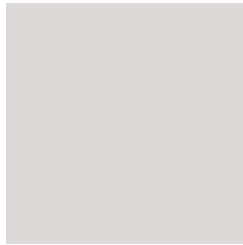
23.3202, 34.1099, 46.4031



1.6167, 2.3649, 3.2165

Previews

White Background



This preview shows how the XYZ color 67.4614, 70.1651, 75.6333 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 67.4614, 70.1651, 75.6333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

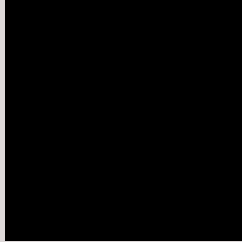
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

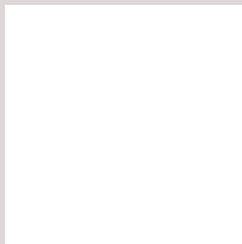
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.4614, 70.1651, 75.6333

Background



This preview shows how black text looks on a background with the XYZ color 67.4614, 70.1651, 75.6333.

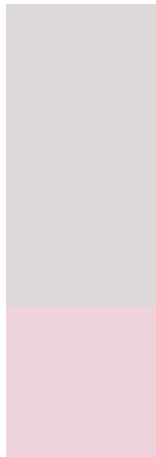


This preview shows how white text looks on a background with the XYZ color 67.4614, 70.1651,

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

67.4614, 70.1651, 75.6333

Protanopia

67.4614, 70.1651, 75.6333

Deuteranopia

71.5458, 70.0012, 76.0704



Tritanopia

69.6064, 70.2744, 86.2396

Trichromacy



Original Color

67.4614, 70.1651, 75.6333

Protanomaly

67.4614, 70.1651, 75.6333

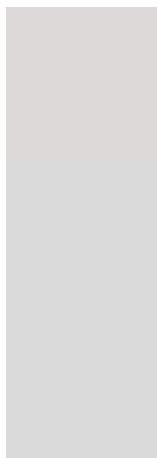
Deuteranomaly

70.0534, 69.9741, 76.1438

Tritanomaly

68.8524, 70.3458, 82.6222

Monochromacy



Original Color

67.4614, 70.1651, 75.6333

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.9397, 70.2648, 76.3640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4614, 70.1651, 75.6333 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(222, 217, 217) looks like.

```
.text, #text, p{  
    color:rgb(222, 217, 217)  
}
```

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(222, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 217, 217) }
```

Border

The CSS property to change the border of an element to XYZ 67.4614, 70.1651, 75.6333 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(222, 217, 217) }
```


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

```
.border{ border-color:rgb(222, 217, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 217, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(222, 217,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4614, 70.1651, 75.6333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 217, 217) }
```

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

```
.background{ background-color: rgb(222,  
217, 217) }
```

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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