

Converting Colors

XYZ(67.0028, 63.1462, 70.9444)

Have a look what the booklet for
XYZ(67.0028, 63.1462, 70.9444)
contains.

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Color

**XYZ(67.0028, 63.1462,
70.9444)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC6D4
RGB	237, 198, 212
RGB Percent	93%, 78%, 83%
CMY	0.0706, 0.2235, 0.1686
CMYK	0.00, 0.16, 0.11, 0.07
HSL	338°, 52%, 85%
HSV	338°, 16%, 93%
XYZ	67.0028, 63.1462, 70.9444
YIQ	211.2570, 18.7500, 12.6220

Conversions

Conversions Part 2

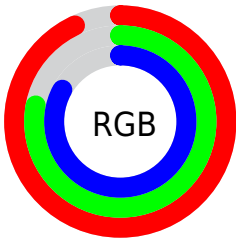
Format	Color
R _Y B	237, 198, 212
Decimal	15582932
CIE Lab	83.52, 16.03, -1.80
CIE LCh	84, 16.133, 353.587
Yxy	63.1462, 0.3332, 0.3140
Android (android.graphics.Color)	4293773012 (0xFFEDC6D4)
YUV	211.2570, 0.3663, 22.5766
Hunter-Lab	79.4646, 11.4443, 2.6923

Details

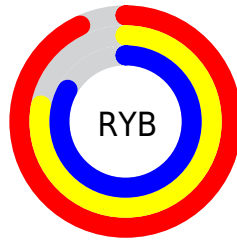
The XYZ color **67.0028, 63.1462, 70.9444** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.8947, 77.9034, 81.3269**, and the grayscale version is **62.0772, 65.3101, 71.1227**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1151, 32.2046, 36.2636** is the 20% darker color. If you saturate the color by 10%, you get **60.1765, 52.4174, 59.6536**, and if you desaturate by 10%, it is **74.8607, 75.6479, 83.4704**.

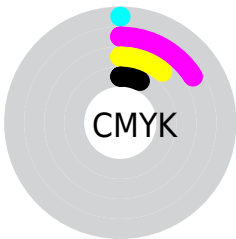
Distribution



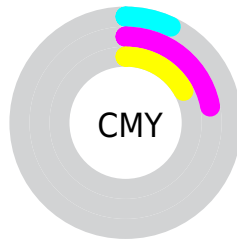
- Red (93%)
- Green (78%)
- Blue (83%)



- Red (93%)
- Yellow (78%)
- Blue (83%)



- Cyan (0%)
- Magenta (16%)
- Yellow (11%)
- Black (7%)





- Cyan (7%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0028, 63.1462, 70.9444 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 67.0028, 63.1462, 70.9444 by changing the saturation by 10% instead.


 67.0028, 63.1462,
70.9444

 67.0028, 63.1462,
70.9444


439.3871,
436.0999, 482.7375

 49.3576, 45.9595,
51.8153


113.9742,
109.3804, 122.2483

 35.1189, 32.2139,
36.4766


144.0311,
139.1967, 155.2601

 23.9215, 21.5249,
24.5099


178.9560,
173.9916, 193.7366

 15.3998, 13.5082,
15.4966

219.1142,
214.1496, 238.0962

 9.1886, 7.7794,
9.0182

264.8710,
260.0550, 288.7576

 4.9225, 3.9541,
4.6561

316.5919,

 2.2361, 1.6479,

312.0923, 346.1392

1.9917

374.6421,
370.6458, 410.6597

0.7617, 0.3896,
0.5502

0.0000, 0.0000,
0.0000

67.0028, 63.1462,
70.9444

67.0028, 63.1462,
70.9444

60.1765, 52.4174,
59.6536

74.8607, 75.6479,
83.4704

54.3322, 43.3726,
49.5550

83.7863, 89.9896,
97.2650

49.4240, 35.9276,
40.6083

88.7354, 96.7447,
108.6045

45.4003, 29.9878,
32.7697

■ 42.2041, 25.4483,
25.9920

■ 39.7713, 22.1907,
20.2241

■ 38.0277, 20.0766,
15.4096

■ 36.8813, 18.9330,
11.4841

■ 36.5675, 18.6615,
10.2818

Harmonies

Analogous

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



65.6350, 63.1462, 80.9224



67.0028, 63.1462, 70.9444



66.4411, 63.1462, 61.2832

Triad

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



67.0028, 63.1462, 70.9444



57.3494, 63.1462, 52.4691



56.0878, 63.1462, 85.5742

Complementary

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



67.0028, 63.1462, 70.9444



66.8947, 77.9034, 81.3269

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.



54.0239, 63.1462, 76.8117



67.0028, 63.1462, 70.9444



54.7320, 63.1462, 57.8737

Square

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



67.0028, 63.1462, 70.9444



60.7781, 63.1462, 51.2272



53.5374, 63.1462, 66.6120



59.2654, 63.1462, 89.8854

Rectangle

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



67.0028, 63.1462, 70.9444



65.0585, 63.1462, 56.2319



53.5374, 63.1462, 66.6120



55.2459, 63.1462, 83.0127

Sweetspot

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



67.0046, 63.1490, 70.9457



89.8283, 91.6179, 100.8046



65.8215, 62.1461, 88.6477



19.0754, 19.3674, 21.3393



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.



67.0046, 63.1490, 70.9457



76.0585, 69.7360, 78.7729



66.5235, 64.8910, 62.4486



15.2888, 15.1434, 16.8063



20.0213, 10.2112, 5.9137



1.6167, 0.8196, 0.6990

Inverse Universe

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



67.0046, 63.1490, 70.9457



76.0585, 69.7360, 78.7729



67.3772, 75.7226, 91.1862



15.2888, 15.1434, 16.8063



20.0213, 10.2112, 5.9137



1.6167, 0.8196, 0.6990

Previews

White Background



This preview shows how the XYZ color 67.0028, 63.1462, 70.9444 looks on a white background.

Color Contrast Check

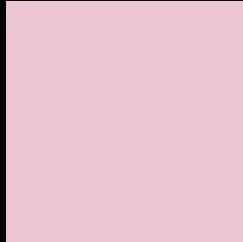
Large Text (above 18pt) WCAG AA × Fail

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 67.0028, 63.1462, 70.9444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

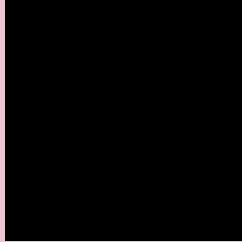
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0028, 63.1462, 70.9444

Background



This preview shows how black text looks on a background with the XYZ color 67.0028, 63.1462, 70.9444.



This preview shows how white text looks on a background with the XYZ color 67.0028, 63.1462,

70.9444.

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

67.0028, 63.1462, 70.9444

Protanopia

61.1317, 63.1907, 74.6207

Deuteranopia

64.5570, 63.2751, 70.4388



Tritanopia

67.1294, 63.1968, 71.6109

Trichromacy



Original Color

67.0028, 63.1462, 70.9444

Protanomaly

63.0720, 63.1521, 73.1553

Deuteranomaly

65.5995, 63.4654, 70.4206

Tritanomaly

67.1294, 63.1968, 71.6109

Monochromacy



Original Color

67.0028, 63.1462, 70.9444

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.3444, 64.0614, 70.6545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0028, 63.1462, 70.9444 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(237, 198, 212)` looks like.

```
.text, #text, p{  
    color:rgb(237, 198, 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(237, 198, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 198, 212) }
```

Border

The CSS property to change the border of an element to XYZ 67.0028, 63.1462, 70.9444 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(237, 198, 212) }
```


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

```
.border{ border-color:rgb(237, 198, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 198, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 198, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 198, 212);  
box-shadow:4px 4px 4px 4px rgb(237, 198,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0028, 63.1462, 70.9444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 198, 212) }
```

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

```
.background{ background-color: rgb(237,  
198, 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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