

Converting Colors

XYZ(67.6266, 66.9200, 78.6132)

Have a look what the booklet for
XYZ(67.6266, 66.9200, 78.6132)
contains.

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Color

**XYZ(67.4192, 66.7166,
78.4315)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D0DE
RGB	227, 208, 222
RGB Percent	89%, 82%, 87%
CMY	0.1098, 0.1843, 0.1294
CMYK	0.00, 0.08, 0.02, 0.11
HSL	316°, 25%, 85%
HSV	316°, 8%, 89%
XYZ	67.4192, 66.7166, 78.4315
YIQ	215.2770, 6.8300, 8.3820

Conversions

Conversions Part 2

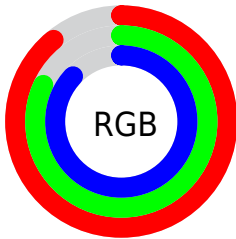
Format	Color
R _Y B	227, 208, 222
Decimal	14930142
CIE Lab	85.36, 9.02, -4.52
CIE LCh	85, 10.087, 333.353
Yxy	66.7166, 0.3172, 0.3139
Android (android.graphics.Color)	4293120222 (0xFFE3D0DE)
YUV	215.2770, 3.3144, 10.2811
Hunter-Lab	81.6802, 4.3942, 0.2443

Details

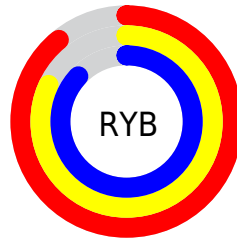
The XYZ color **67.4192, 66.7166, 78.4315** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4942, 73.1538, 73.6224**, and the grayscale version is **64.7556, 68.1279, 74.1913**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5439, 34.6719, 41.3782** is the 20% darker color. If you saturate the color by 10%, you get **61.4900, 56.1162, 72.5745**, and if you desaturate by 10%, it is **74.1728, 78.9183, 84.7048**.

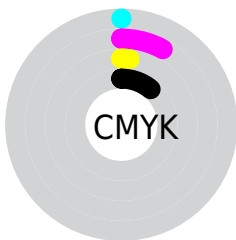
Distribution



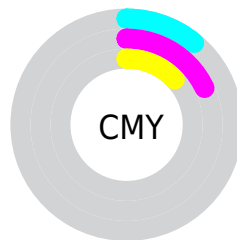
- Red (89%)
- Green (82%)
- Blue (87%)



- Red (89%)
- Yellow (82%)
- Blue (87%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4192, 66.7166, 78.4315 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 67.4192, 66.7166, 78.4315 by changing the saturation by 10% instead.

67.4192, 66.7166,
78.4315

67.4192, 66.7166,
78.4315

440.8445,
448.9353, 509.1977

49.6973, 48.8544,
57.9100

114.5674,
114.5142, 132.9496

35.3898, 34.5040,
41.3220

144.7244,
145.2184, 167.7833

24.1312, 23.2810,
28.2492

179.7571,
180.9720, 208.2247

15.5562, 14.8011,
18.2729

220.0310,
222.1595, 254.6925

9.2995, 8.6799,
10.9746

265.9113,
269.1651, 307.6052

4.9957, 4.5330,
5.9358

317.7634,

2.2795, 1.9760,

322.3734, 367.3812

2.7379

375.9527,
382.1687, 434.4392

■ 0.7841, 0.5935,
0.9624

■ 0.0000, 0.0000,
0.0000

■ 67.4192, 66.7166,
78.4315

■ 67.4192, 66.7166,
78.4315

■ 61.4900, 56.1162,
72.5745

■ 74.1728, 78.9183,
84.7048

■ 56.3455, 47.0412,
67.1170

■ 81.7766, 92.7757,
91.4023

■ 51.9515, 39.4229,
62.0467

■ 83.1560, 94.1379,
96.1677

■ 48.2690, 33.1834,
57.3493

■ 84.0581, 94.4988,
100.9181

■ 45.2553, 28.2380,
53.0089

■ 84.9897, 94.8714,
105.8240

■ 42.8629, 24.4923,
49.0084

■ 85.4889, 95.0711,
108.4525

■ 41.0381, 21.8390,
45.3280

■ 39.7172, 20.1519,
41.9452

■ 38.8084, 19.2472,
38.8277

Harmonies

Analogous

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



65.8576, 66.7166, 83.6643



67.4192, 66.7166, 78.4315



67.8984, 66.7166, 71.9097

Triad

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



67.4192, 66.7166, 78.4315



63.1556, 66.7166, 60.7959



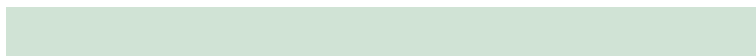
59.8138, 66.7166, 79.7804

Complementary

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



67.4192, 66.7166, 78.4315



65.4942, 73.1538, 73.6224

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.



59.1279, 66.7166, 73.3813



67.4192, 66.7166, 78.4315



61.0279, 66.7166, 62.6348

Square

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



67.4192, 66.7166, 78.4315



65.4023, 66.7166, 61.9706



59.5671, 66.7166, 67.1466



61.4627, 66.7166, 84.4753

Rectangle

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



67.4192, 66.7166, 78.4315



67.5304, 66.7166, 67.7702



59.5671, 66.7166, 67.1466



59.4648, 66.7166, 77.7441

Sweetspot

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



67.4211, 66.7195, 78.4329



92.3354, 95.0868, 106.4042



63.7919, 64.7700, 81.8135



19.6119, 20.0785, 22.6339



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.



67.4211, 66.7195, 78.4329



86.3859, 84.3710, 100.7739



66.2152, 66.2371, 72.0826



14.8246, 14.5470, 17.2770



22.6070, 11.1770, 22.6234



1.7083, 0.8410, 1.8704

Inverse Universe

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



67.4211, 66.7195, 78.4329



86.3859, 84.3710, 100.7739



66.7020, 73.6369, 79.9824



14.8246, 14.5470, 17.2770



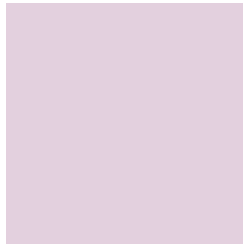
22.6070, 11.1770, 22.6234



1.7083, 0.8410, 1.8704

Previews

White Background



This preview shows how the XYZ color 67.4192, 66.7166, 78.4315 looks on a white background.

Color Contrast Check

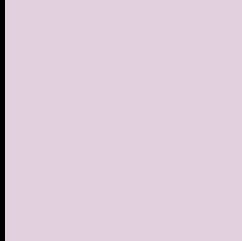
Large Text (above 18pt) WCAG AA × Fail

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 67.4192, 66.7166, 78.4315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

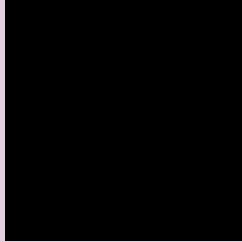
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4192, 66.7166, 78.4315

Background



This preview shows how black text looks on a background with the XYZ color 67.4192, 66.7166, 78.4315.



This preview shows how white text looks on a background with the XYZ color 67.4192, 66.7166,

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

67.4192, 66.7166, 78.4315

Protanopia

64.7296, 66.7649, 79.9963

Deuteranopia

68.1308, 66.7226, 78.3951



Tritanopia

67.6890, 66.8245, 79.8518

Trichromacy



Original Color

67.4192, 66.7166, 78.4315

Protanomaly

65.8270, 66.9763, 79.2703

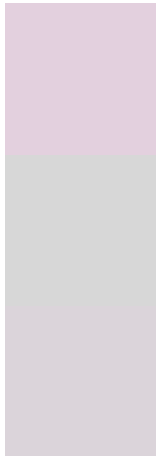
Deuteranomaly

67.8107, 66.5576, 78.3801

Tritanomaly

67.5537, 66.7704, 79.1395

Monochromacy



Original Color

67.4192, 66.7166, 78.4315

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.4118, 67.2090, 75.8547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4192, 66.7166, 78.4315 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(227, 208, 222)` looks like.

```
.text, #text, p{  
    color:rgb(227, 208, 222)  
}
```

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(227, 208, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 208, 222) }
```

Border

The CSS property to change the border of an element to XYZ 67.4192, 66.7166, 78.4315 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(227, 208, 222) }
```


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

```
.border{ border-color:rgb(227, 208, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 208, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 208, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 208, 222); box-shadow:4px 4px 4px 4px rgb(227, 208, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4192, 66.7166, 78.4315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 208, 222) }
```

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

```
.background{ background-color: rgb(227,  
208, 222) }
```

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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