

Converting Colors

XYZ(67.6431, 64.7320, 76.6395)

Have a look what the booklet for
XYZ(67.6431, 64.7320, 76.6395)
contains.

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Color

**XYZ(67.6431, 64.7320,
76.6395)**

Conversions

Conversions Part 1

Format	Color
Hex	E9CADC
RGB	233, 202, 220
RGB Percent	91%, 79%, 86%
CMY	0.0863, 0.2078, 0.1372
CMYK	0.00, 0.13, 0.06, 0.09
HSL	325°, 41%, 85%
HSV	325°, 13%, 91%
XYZ	67.6431, 64.7320, 76.6395
YIQ	213.3210, 12.6980, 12.1700

Conversions

Conversions Part 2

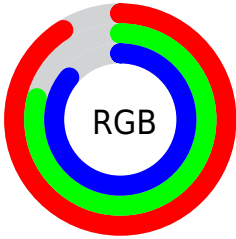
Format	Color
R _Y B	233, 202, 220
Decimal	15321820
CIE Lab	84.35, 13.88, -4.90
CIE LCh	84, 14.723, 340.568
Yxy	64.7320, 0.3236, 0.3097
Android (android.graphics.Color)	4293511900 (0xFFE9CADC)
YUV	213.3210, 3.2927, 17.2585
Hunter-Lab	80.4562, 9.2745, -0.1580

Details

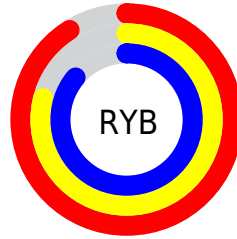
The XYZ color **67.6431, 64.7320, 76.6395** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.7643, 75.7425, 75.4472**, and the grayscale version is **63.4349, 66.7385, 72.6782**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5129, 33.2435, 40.1422** is the 20% darker color. If you saturate the color by 10%, you get **61.3272, 54.1106, 68.3346**, and if you desaturate by 10%, it is **74.8638, 77.0401, 85.6209**.

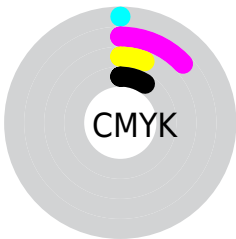
Distribution



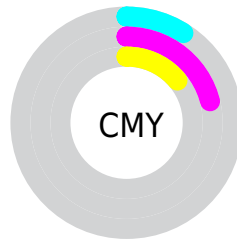
- Red (91%)
- Green (79%)
- Blue (86%)



- Red (91%)
- Yellow (79%)
- Blue (86%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (21%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6431, 64.7320, 76.6395 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 67.6431, 64.7320, 76.6395 by changing the saturation by 10% instead.

67.6431, 64.7320,
76.6395

67.6431, 64.7320,
76.6395

441.6270,
441.8283, 502.9390

49.8801, 47.2438,
56.4473

114.8861,
111.6645, 130.3988

35.5355, 33.2284,
40.1552

145.0968,
141.8775, 164.8030

24.2441, 22.3015,
27.3449

180.1875,
177.1010, 204.7815

15.6405, 14.0786,
17.5977

220.5234,
217.7193, 250.7530

9.3594, 8.1754,
10.4951

266.4700,
264.1167, 303.1360

5.0353, 4.2074,
5.6186

318.3925,

2.3030, 1.7902,

316.6778, 362.3489

2.5496

376.6564,
375.7868, 428.8104

■ 0.7962, 0.4811,
0.8662

■ 0.0000, 0.0000,
0.0000

■ 67.6431, 64.7320,
76.6395

■ 67.6431, 64.7320,
76.6395

■ 61.3272, 54.1106,
68.3346

■ 74.8638, 77.0401,
85.6209

■ 55.8724, 45.0932,
60.6829

■ 83.0194, 91.0960,
95.2926

■ 51.2395, 37.6026,
53.6657

■ 86.5133, 95.7033,
103.7959

■ 47.3840, 31.5521,
47.2616

■ 87.4147, 96.0639,
108.5427

■ 44.2571, 26.8462,
41.4472

■ 41.8040, 23.3776,
36.1974

■ 39.9615, 21.0224,
31.4838

■ 38.6534, 19.6305,
27.2733

■ 37.9975, 19.0810,
24.7048

Harmonies

Analogous

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



65.7031, 64.7320, 85.0535



67.6431, 64.7320, 76.6395



67.9112, 64.7320, 67.2332

Triad

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



67.6431, 64.7320, 76.6395



60.3807, 64.7320, 54.2320



56.8755, 64.7320, 82.8441

Complementary

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



67.6431, 64.7320, 76.6395



65.7643, 75.7425, 75.4472

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.



55.5538, 64.7320, 73.8341



67.6431, 64.7320, 76.6395



57.5295, 64.7320, 57.6780

Square

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



67.6431, 64.7320, 76.6395



63.6398, 64.7320, 54.8386



55.7889, 64.7320, 64.6637



59.4592, 64.7320, 88.8492

Rectangle

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



67.6431, 64.7320, 76.6395



67.0957, 64.7320, 61.7215



55.7889, 64.7320, 64.6637



56.2731, 64.7320, 80.0349

Sweetspot

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



67.6450, 64.7348, 76.6409



91.2007, 93.3914, 104.2568



63.8309, 62.5619, 85.8032



19.3702, 19.7319, 22.1316



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.



67.6450, 64.7348, 76.6409



80.7534, 75.6209, 91.1429



65.6963, 63.9554, 66.3795



15.4322, 15.2007, 17.5612



21.6235, 10.8521, 14.3508



1.7458, 0.8713, 1.3788

Inverse Universe

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



67.6450, 64.7348, 76.6409



80.7534, 75.6209, 91.1429



67.8397, 76.5726, 86.3758



15.4322, 15.2007, 17.5612



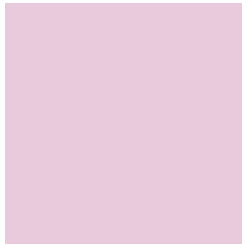
21.6235, 10.8521, 14.3508



1.7458, 0.8713, 1.3788

Previews

White Background



This preview shows how the XYZ color 67.6431, 64.7320, 76.6395 looks on a white background.

Color Contrast Check

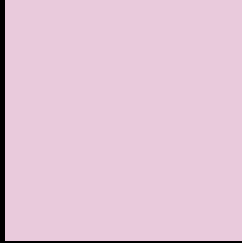
Large Text (above 18pt) WCAG AA × Fail

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 67.6431, 64.7320, 76.6395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

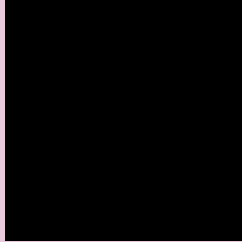
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.6431, 64.7320, 76.6395

Background



This preview shows how black text looks on a background with the XYZ color 67.6431, 64.7320, 76.6395.



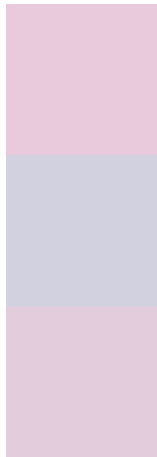
This preview shows how white text looks on a background with the XYZ color 67.6431, 64.7320,

76.6395.

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

67.6431, 64.7320, 76.6395

Protanopia

62.8334, 64.6844, 79.6947

Deuteranopia

66.1897, 64.6839, 76.7068



Tritanopia

67.3797, 64.6267, 75.2526

Trichromacy



Original Color

67.6431, 64.7320, 76.6395

Protanomaly

64.3040, 64.3758, 78.8486

Deuteranomaly

66.5873, 64.5372, 76.6575

Tritanomaly

67.5110, 64.6792, 75.9439

Monochromacy



Original Color

67.6431, 64.7320, 76.6395

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.7103, 65.7744, 74.2509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6431, 64.7320, 76.6395 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(233, 202, 220)` looks like.

```
.text, #text, p{  
    color:rgb(233, 202, 220)  
}
```

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(233, 202, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 202, 220) }
```

Border

The CSS property to change the border of an element to XYZ 67.6431, 64.7320, 76.6395 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(233, 202, 220) }
```


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

```
.border{ border-color:rgb(233, 202, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 202, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 202, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 202, 220);  
box-shadow:4px 4px 4px 4px rgb(233, 202,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6431, 64.7320, 76.6395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 202, 220) }
```

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

```
.background{ background-color: rgb(233,  
202, 220) }
```

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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