

Converting Colors

XYZ(67.3044, 64.0593, 80.7164)

Have a look what the booklet for
XYZ(67.3044, 64.0593, 80.7164)
contains.

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Color

**XYZ(67.2472, 64.0873,
80.7773)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C9E2
RGB	230, 201, 226
RGB Percent	90%, 79%, 89%
CMY	0.0980, 0.2117, 0.1137
CMYK	0.00, 0.13, 0.02, 0.10
HSL	308°, 37%, 85%
HSV	308°, 13%, 90%
XYZ	67.2472, 64.0873, 80.7773
YIQ	212.5210, 9.2590, 13.9230

Conversions

Conversions Part 2

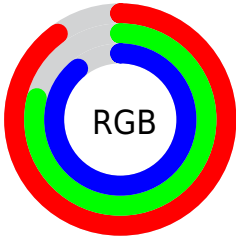
Format	Color
R _Y B	230, 201, 226
Decimal	15124962
CIE Lab	84.01, 14.45, -8.62
CIE LCh	84, 16.828, 329.186
Yxy	64.0873, 0.3170, 0.3021
Android (android.graphics.Color)	4293315042 (0xFFE6C9E2)
YUV	212.5210, 6.6451, 15.3291
Hunter-Lab	80.0545, 9.8476, -3.7871

Details

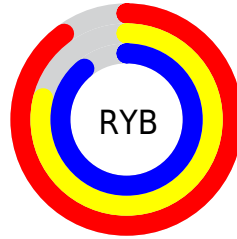
The XYZ color **67.2472, 64.0873, 80.7773** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.4061, 73.4206, 68.5907**, and the grayscale version is **62.8804, 66.1551, 72.0429**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2400, 32.8064, 43.0030** is the 20% darker color. If you saturate the color by 10%, you get **61.8511, 53.9846, 76.8511**, and if you desaturate by 10%, it is **73.4579, 75.8044, 85.0163**.

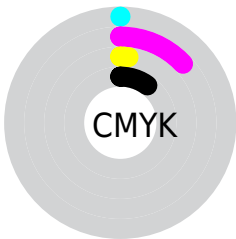
Distribution



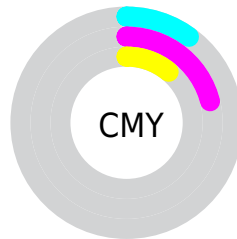
- Red (90%)
- Green (79%)
- Blue (89%)



- Red (90%)
- Yellow (79%)
- Blue (89%)



- Cyan (0%)
- Magenta (13%)
- Yellow (2%)
- Black (10%)



- Cyan (10%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2472, 64.0873, 80.7773 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 67.2472, 64.0873, 80.7773 by changing the saturation by 10% instead.

67.2472, 64.0873,
80.7773

67.2472, 64.0873,
80.7773

440.2428,
439.5048, 517.3242

49.5570, 46.7214,
59.8283

114.3224,
110.7367, 136.2793

35.2779, 32.8155,
42.8558

144.4381,
140.7889, 171.6693

24.0445, 21.9851,
29.4415

179.4263,
175.8387, 212.7101

15.4916, 13.8460,
19.1666

219.6524,
216.2704, 259.8202

9.2537, 8.0136,
11.6127

265.4818,
262.4685, 313.4181

4.9654, 4.1037,
6.3612

317.2797,

2.2615, 1.7317,

314.8173, 373.9224

2.9936

375.4116,
373.7013, 441.7516

■ 0.7749, 0.4441,
1.0914

■ 0.0000, 0.0000,
0.0000

■ 67.2472, 64.0873,
80.7773

■ 67.2472, 64.0873,
80.7773

■ 61.8511, 53.9846,
76.8511

■ 73.4579, 75.8044,
85.0163

■ 57.2284, 45.4167,
73.2214

■ 80.5108, 89.1941,
89.5753

■ 53.3427, 38.3100,
69.8767

■ 83.4641, 94.3714,
92.8080

■ 50.1523, 32.5814,
66.8030

■ 83.9281, 94.5570,
95.2512

47.6117, 28.1395,
63.9846

84.4003, 94.7459,
97.7377

45.6694, 24.8820,
61.4045

84.8807, 94.9381,
100.2678

44.2666, 22.6907,
59.0426

85.3695, 95.1336,
102.8417

43.3319, 21.4234,
56.8750

85.8666, 95.3324,
105.4595

42.8581, 20.9130,
55.3693

86.3722, 95.5346,
108.1215

Harmonies

Analogous

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



64.4583, 64.0873, 89.1790



67.2472, 64.0873, 80.7773



68.3278, 64.0873, 70.0709

Triad

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



67.2472, 64.0873, 80.7773



61.0145, 64.0873, 51.2810



54.8951, 64.0873, 80.2242

Complementary

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



67.2472, 64.0873, 80.7773



63.4061, 73.4206, 68.5907

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.



54.0551, 64.0873, 69.4903



67.2472, 64.0873, 80.7773



57.5003, 64.0873, 53.4206

Square

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



67.2472, 64.0873, 80.7773



64.6408, 64.0873, 53.6640



54.9897, 64.0873, 59.8294



57.3315, 64.0873, 88.8375

Rectangle

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



67.2472, 64.0873, 80.7773



67.9018, 64.0873, 63.2793



54.9897, 64.0873, 59.8294



54.4211, 64.0873, 76.7117

Sweetspot

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



67.2491, 64.0901, 80.7787



91.6562, 93.5736, 106.6552



60.3124, 60.4499, 83.3530



19.4857, 19.7781, 22.7398



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.



67.2491, 64.0901, 80.7787



83.2005, 77.6417, 100.8166



65.3594, 63.3342, 70.8276



14.9051, 14.5792, 17.7006



24.2975, 11.8532, 31.5253



1.8192, 0.8854, 2.4544

Inverse Universe

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



67.2491, 64.0901, 80.7787



83.2005, 77.6417, 100.8166



65.2209, 74.1465, 78.1473



14.9051, 14.5792, 17.7006



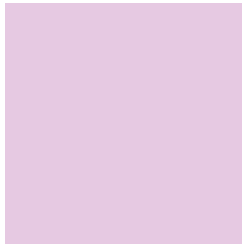
24.2975, 11.8532, 31.5253



1.8192, 0.8854, 2.4544

Previews

White Background



This preview shows how the XYZ color 67.2472, 64.0873, 80.7773 looks on a white background.

Color Contrast Check

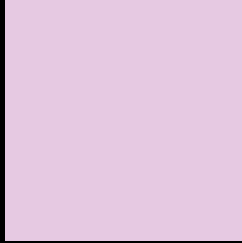
Large Text (above 18pt) WCAG AA × Fail

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 67.2472, 64.0873, 80.7773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

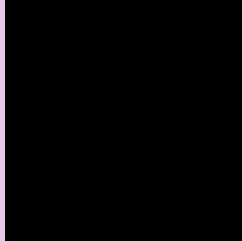
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2472, 64.0873, 80.7773

Background



This preview shows how black text looks on a background with the XYZ color 67.2472, 64.0873, 80.7773.



This preview shows how white text looks on a background with the XYZ color 67.2472, 64.0873,

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

67.2472, 64.0873, 80.7773

Protanopia

62.5709, 64.0903, 83.9357

Deuteranopia

65.6149, 64.3099, 80.1889



Tritanopia

66.0885, 63.9610, 75.1921

Trichromacy



Original Color

67.2472, 64.0873, 80.7773

Protanomaly

63.9985, 63.7669, 83.0639

Deuteranomaly

66.3106, 64.3169, 80.1536

Tritanomaly

66.4848, 64.1195, 77.2788

Monochromacy



Original Color

67.2472, 64.0873, 80.7773

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.6688, 65.7230, 75.6071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2472, 64.0873, 80.7773 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(230, 201, 226)` looks like.

```
.text, #text, p{  
    color:rgb(230, 201, 226)  
}
```

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(230, 201, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 201, 226) }
```

Border

The CSS property to change the border of an element to XYZ 67.2472, 64.0873, 80.7773 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(230, 201, 226) }
```


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

```
.border{ border-color:rgb(230, 201, 226) }
```

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

Here you see how a box with a 4 pixel rgb(230, 201, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 201, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 201, 226);  
box-shadow:4px 4px 4px 4px rgb(230, 201,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2472, 64.0873, 80.7773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 201, 226) }
```

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

```
.background{ background-color: rgb(230,  
201, 226) }
```

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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