

Converting Colors

XYZ(67.6824, 66.6122, 81.4820)

Have a look what the booklet for
XYZ(67.6824, 66.6122, 81.4820)
contains.

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Color

**XYZ(67.6474, 66.7715,
81.2743)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D0E2
RGB	226, 208, 226
RGB Percent	89%, 82%, 89%
CMY	0.1137, 0.1843, 0.1137
CMYK	0.00, 0.08, 0.00, 0.11
HSL	300°, 24%, 85%
HSV	300°, 8%, 89%
XYZ	67.6474, 66.7715, 81.2743
YIQ	215.4340, 4.9500, 9.4140

Conversions

Conversions Part 2

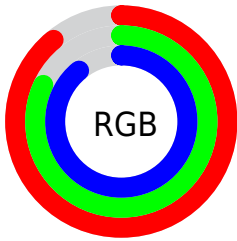
Format	Color
R _Y B	226, 208, 226
Decimal	14864610
CIE Lab	85.39, 9.40, -6.62
CIE LCh	85, 11.493, 324.855
Yxy	66.7715, 0.3136, 0.3096
Android (android.graphics.Color)	4293054690 (0xFFE2D0E2)
YUV	215.4340, 5.2090, 9.2664
Hunter-Lab	81.7138, 4.7733, -1.7714

Details

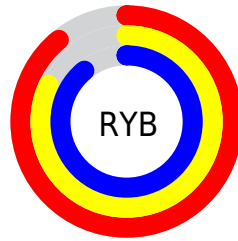
The XYZ color **67.6474, 66.7715, 81.2743** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5965, 72.3586, 70.2400**, and the grayscale version is **64.8505, 68.2278, 74.3001**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7009, 34.7094, 43.3460** is the 20% darker color. If you saturate the color by 10%, you get **62.5260, 56.5277, 79.5678**, and if you desaturate by 10%, it is **73.5578, 78.5913, 83.2454**.

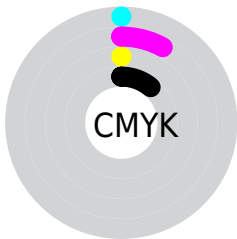
Distribution



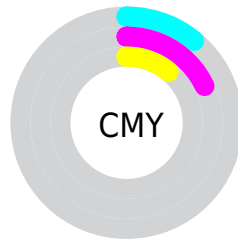
- Red (89%)
- Green (82%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6474, 66.7715, 81.2743 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 67.6474, 66.7715, 81.2743 by changing the saturation by 10% instead.

67.6474, 66.7715,
81.2743

67.6474, 66.7715,
81.2743

441.6421,
449.1310, 519.0366

49.8836, 48.8990,
60.2352

114.8923,
114.5929, 136.9834

35.5383, 34.5393,
43.1817

145.1040,
145.3106, 172.4905

24.2463, 23.3082,
29.6953

180.1957,
181.0788, 213.6573

15.6421, 14.8213,
19.3573

220.5329,
222.2819, 260.9024

9.3605, 8.6940,
11.7493

266.4807,
269.3042, 314.6444

5.0361, 4.5422,
6.4528

318.4046,

2.3034, 1.9812,

322.5303, 375.3017

3.0491

376.6699,
382.3444, 443.2929

■ 0.7964, 0.5965,
1.1198

■ 0.0000, 0.0000,
0.0000

■ 67.6474, 66.7715,
81.2743

■ 67.6474, 66.7715,
81.2743

■ 62.5260, 56.5277,
79.5678

■ 73.5578, 78.5913,
83.2454

■ 58.1547, 47.7852,
78.1106

■ 80.2825, 92.0405,
85.4871

■ 54.5001, 40.4761,
76.8922

■ 80.8523, 93.1801,
85.6772

■ 51.5240, 34.5240,
75.9000

■ 80.8523, 93.1801,
85.6774

49.1846, 29.8452,
75.1201

80.8523, 93.1801,
85.6775

47.4356, 26.3472,
74.5369

80.8524, 93.1801,
85.6777

46.2242, 23.9245,
74.1329

80.8524, 93.1802,
85.6779

45.4886, 22.4532,
73.8876

80.8524, 93.1802,
85.6780

45.1419, 21.7599,
73.7719

80.8525, 93.1802,
85.6782

Harmonies

Analogous

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



65.5923, 66.7715, 86.5067



67.6474, 66.7715, 81.2743



68.5832, 66.7715, 73.9965

Triad

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



67.6474, 66.7715, 81.2743



63.9144, 66.7715, 59.3350



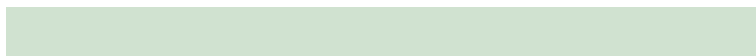
59.0284, 66.7715, 78.8985

Complementary

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



67.6474, 66.7715, 81.2743



64.5965, 72.3586, 70.2400

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.



58.6067, 66.7715, 71.4243



67.6474, 66.7715, 81.2743



61.3828, 66.7715, 60.4515

Square

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



67.6474, 66.7715, 81.2743



66.3906, 66.7715, 61.5959



59.4573, 66.7715, 64.7562



60.6253, 66.7715, 85.0706

Rectangle

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



67.6474, 66.7715, 81.2743



68.4283, 66.7715, 69.0880



59.4573, 66.7715, 64.7562



58.7464, 66.7715, 76.4416

Sweetspot

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



67.6493, 66.7744, 81.2757



93.4445, 96.7891, 108.3648



62.2987, 64.0160, 81.0255



20.0178, 20.7505, 23.2001



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.



67.6493, 66.7744, 81.2757



87.4478, 84.7957, 106.3657



66.4465, 66.2933, 74.9417



14.2951, 13.9357, 17.3241



25.7245, 12.3568, 42.0767



1.7831, 0.8565, 2.9165

Inverse Universe

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



67.6493, 66.7744, 81.2757



87.4478, 84.7957, 106.3657



65.7355, 72.8142, 76.2379



14.2951, 13.9357, 17.3241



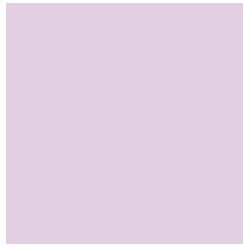
25.7245, 12.3568, 42.0767



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 67.6474, 66.7715, 81.2743 looks on a white background.

Color Contrast Check

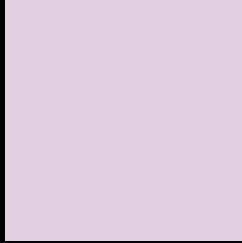
Large Text (above 18pt) WCAG AA × Fail

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 67.6474, 66.7715, 81.2743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

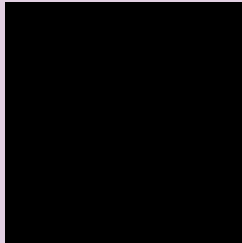
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.6474, 66.7715, 81.2743

Background



This preview shows how black text looks on a background with the XYZ color 67.6474, 66.7715, 81.2743.

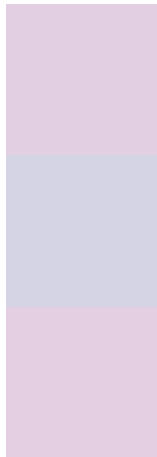


This preview shows how white text looks on a background with the XYZ color 67.6474, 66.7715,

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

67.6474, 66.7715, 81.2743

Protanopia

64.9876, 66.8345, 82.8739

Deuteranopia

68.0352, 66.6106, 81.2228



Tritanopia

67.5105, 66.7167, 80.5536

Trichromacy



Original Color

67.6474, 66.7715, 81.2743

Protanomaly

66.0728, 67.0400, 82.1306

Deuteranomaly

67.7188, 66.4475, 81.2080

Tritanomaly

67.5105, 66.7167, 80.5536

Monochromacy



Original Color

67.6474, 66.7715, 81.2743

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.5431, 67.2615, 76.5461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6474, 66.7715, 81.2743 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(226, 208, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 208, 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(226, 208, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 208, 226) }
```

Border

The CSS property to change the border of an element to XYZ 67.6474, 66.7715, 81.2743 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(226, 208, 226) }
```


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

```
.border{ border-color:rgb(226, 208, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 208, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 208, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 208, 226); box-shadow:4px 4px 4px 4px rgb(226, 208, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6474, 66.7715, 81.2743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 208, 226) }
```

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

```
.background{ background-color: rgb(226,  
208, 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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