

Converting Colors

XYZ(67.5953, 65.7598, 86.7769)

Have a look what the booklet for
XYZ(67.5953, 65.7598, 86.7769)
contains.

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Color

**XYZ(67.6631, 65.9304,
87.0015)**

Conversions

Conversions Part 1

Format	Color
Hex	E0CEEA
RGB	224, 206, 234
RGB Percent	88%, 81%, 92%
CMY	0.1216, 0.1921, 0.0823
CMYK	0.04, 0.12, 0.00, 0.08
HSL	279°, 40%, 86%
HSV	279°, 12%, 92%
XYZ	67.6631, 65.9304, 87.0015
YIQ	214.5740, 1.7400, 12.5240

Conversions

Conversions Part 2

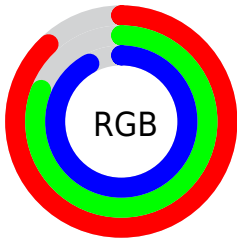
Format	Color
R_{YB}	224, 206, 234
Decimal	14733034
CIE _{Lab}	84.96, 11.28, -11.52
CIE _{LCh}	85, 16.119, 314.389
Yxy	65.9304, 0.3067, 0.2989
Android (android.graphics.Color)	4292923114 (0xFFE0CEEA)
YUV	214.5740, 9.5770, 8.2666
Hunter-Lab	81.1975, 6.6510, -6.6897

Details

The XYZ color **67.6631, 65.9304, 87.0015** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.8846, 77.9025, 69.8018**, and the grayscale version is **64.2416, 67.5872, 73.6024**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.6263, 34.1058, 46.8249** is the 20% darker color. If you saturate the color by 10%, you get **59.9175, 54.1896, 85.1445**, and if you desaturate by 10%, it is **76.3786, 79.4197, 89.1468**.

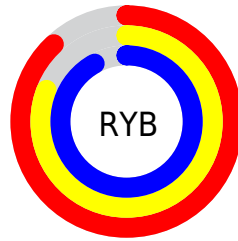
Distribution



Red (88%)

Green (81%)

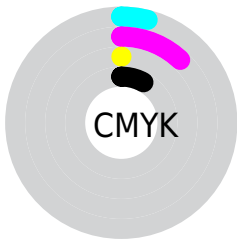
Blue (92%)



Red (88%)

Yellow (81%)

Blue (92%)

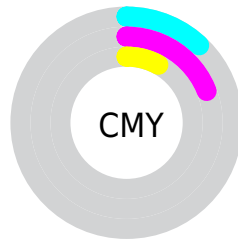


Cyan (4%)

Magenta (12%)

Yellow (0%)

Black (8%)



Cyan (12%)

Magenta (19%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6631, 65.9304, 87.0015 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 67.6631, 65.9304, 87.0015 by changing the saturation by 10% instead.

67.6631, 65.9304,
87.0015

67.6631, 65.9304,
87.0015

441.6969,
446.1279, 538.5441

49.8964, 48.2159,
64.9368

114.9146,
113.3864, 145.0651

35.5485, 33.9979,
46.9588

145.1301,
143.8968, 181.9011

24.2542, 22.8920,
32.6490

180.2259,
179.4412, 224.4980

15.6481, 14.5138,
21.5888

220.5674,
220.4040, 273.2743

9.3647, 8.4789,
13.3596

266.5198,
267.1697, 328.6485

5.0388, 4.4029,
7.5430

318.4487,

2.3051, 1.9014,

320.1227, 391.0392

3.7204

376.7193,
379.6473, 460.8649

■ 0.7973, 0.5492,
1.4732

■ 0.0000, 0.0000,
0.1979

■ 67.6631, 65.9304,
87.0015

■ 67.6631, 65.9304,
87.0015

■ 59.9175, 54.1896,
85.1445

■ 76.3786, 79.4197,
89.1468

■ 53.0971, 44.1140,
83.5592

■ 86.0946, 94.7193,
91.5879

■ 47.1624, 35.6263,
82.2337

■ 89.7052, 97.6142,
91.9563

■ 42.0685, 28.6392,
81.1536

■ 91.8515, 98.7206,
92.0568

■ 37.7660, 23.0571,
80.3029

■ 34.2000, 18.7730,
79.6639

■ 31.3075, 15.6638,
79.2162

■ 29.0130, 13.5819,
78.9353

■ 27.5073, 12.4649,
78.7991

Harmonies

Analogous

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



64.4112, 65.9304, 92.8878



67.6631, 65.9304, 87.0015



69.6133, 65.9304, 77.2883

Triad

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



67.6631, 65.9304, 87.0015



64.5574, 65.9304, 54.2425



56.1592, 65.9304, 76.8576

Complementary

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



67.6631, 65.9304, 87.0015



68.8846, 77.9025, 69.8018

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.



56.1949, 65.9304, 66.5531



67.6631, 65.9304, 87.0015



60.9504, 65.9304, 54.1513

Square

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



67.6631, 65.9304, 87.0015



67.7737, 65.9304, 58.7211



57.9190, 65.9304, 58.4585



57.8195, 65.9304, 86.6601

Rectangle

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



67.6631, 65.9304, 87.0015



69.8672, 65.9304, 70.2717



57.9190, 65.9304, 58.4585



55.9753, 65.9304, 73.3240

Sweetspot

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



67.6651, 65.9332, 87.0029



90.5543, 92.9794, 107.7818



64.9316, 68.3135, 87.6064



19.2061, 19.6273, 23.0261



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.



67.6651, 65.9332, 87.0029



80.1634, 76.9611, 105.2376



70.3253, 67.3659, 84.3571



15.1627, 15.0291, 19.0240



15.5994, 7.0777, 44.2869



1.3291, 0.6095, 3.4825

Inverse Universe

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



68.3999, 66.5958, 74.2179



81.2226, 77.9088, 87.1388



66.4784, 76.6090, 72.0849



15.2877, 15.1429, 16.8004



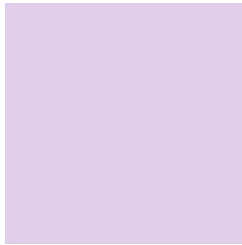
20.0122, 10.2076, 5.8658



1.6159, 0.8193, 0.6947

Previews

White Background



This preview shows how the XYZ color 67.6631, 65.9304, 87.0015 looks on a white background.

Color Contrast Check

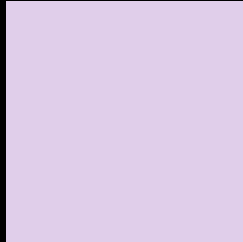
Large Text (above 18pt) WCAG AA × Fail

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 67.6631, 65.9304, 87.0015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

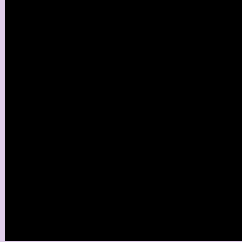
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.6631, 65.9304, 87.0015

Background



This preview shows how black text looks on a background with the XYZ color 67.6631, 65.9304, 87.0015.



This preview shows how white text looks on a background with the XYZ color 67.6631, 65.9304,

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

67.6631, 65.9304, 87.0015

Protanopia

64.8748, 66.2583, 89.4906

Deuteranopia

67.3540, 65.7711, 86.9871



Tritanopia

66.1346, 66.0232, 79.7791

Trichromacy



Original Color

67.6631, 65.9304, 87.0015

Protanomaly

65.6723, 65.9532, 88.6258

Deuteranomaly

67.3540, 65.7711, 86.9871

Tritanomaly

66.7478, 65.9151, 82.6037

Monochromacy



Original Color

67.6631, 65.9304, 87.0015

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.6417, 67.2663, 78.6312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6631, 65.9304, 87.0015 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(224, 206, 234)` looks like.

```
.text, #text, p{  
    color:rgb(224, 206, 234)  
}
```

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(224, 206, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 206, 234) }
```

Border

The CSS property to change the border of an element to XYZ 67.6631, 65.9304, 87.0015 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(224, 206, 234) }
```


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

```
.border{ border-color:rgb(224, 206, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 206, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 206, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 206, 234);  
box-shadow:4px 4px 4px 4px rgb(224, 206,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6631, 65.9304, 87.0015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 206, 234) }
```

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

```
.background{ background-color: rgb(224,  
206, 234) }
```

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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