

Converting Colors

XYZ(67.0795, 64.4119, 86.0657)

Have a look what the booklet for
XYZ(67.0795, 64.4119, 86.0657)
contains.

XYZ(67.1153, 64.6026, 86.0230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.1153, 64.6026,
86.0230)**

Conversions

Conversions Part 1

Format	Color
Hex	E1CBE9
RGB	225, 203, 233
RGB Percent	88%, 80%, 91%
CMY	0.1176, 0.2039, 0.0863
CMYK	0.03, 0.13, 0.00, 0.09
HSL	284°, 41%, 85%
HSV	284°, 13%, 91%
XYZ	67.1153, 64.6026, 86.0230
YIQ	212.9980, 3.4820, 13.9940

Conversions

Conversions Part 2

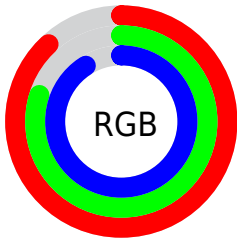
Format	Color
R _Y B	225, 203, 233
Decimal	14797801
CIE Lab	84.28, 13.01, -12.00
CIE LCh	84, 17.696, 317.318
Yxy	64.6026, 0.3082, 0.2967
Android (android.graphics.Color)	4292987881 (0xFFE1CBE9)
YUV	212.9980, 9.8610, 10.5258
Hunter-Lab	80.3757, 8.3934, -7.1927

Details

The XYZ color **67.1153, 64.6026, 86.0230** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.7846, 76.4402, 67.7376**, and the grayscale version is **63.1807, 66.4710, 72.3869**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2608, 33.2153, 46.1477** is the 20% darker color. If you saturate the color by 10%, you get **60.1196, 53.4340, 84.2369**, and if you desaturate by 10%, it is **75.0122, 77.4669, 88.0908**.

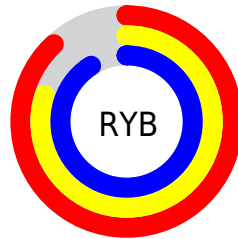
Distribution



Red (88%)

Green (80%)

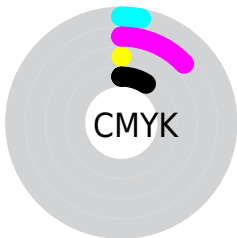
Blue (91%)



Red (88%)

Yellow (80%)

Blue (91%)

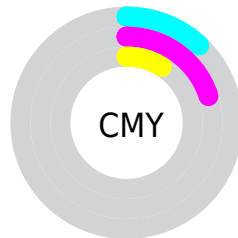


Cyan (3%)

Magenta (13%)

Yellow (0%)

Black (9%)



Cyan (12%)

Magenta (20%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1153, 64.6026, 86.0230 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 67.1153, 64.6026, 86.0230 by changing the saturation by 10% instead.

67.1153, 64.6026,
86.0230

67.1153, 64.6026,
86.0230

439.7811,
441.3625, 535.2397

49.4494, 47.1389,
64.1320

114.1345,
111.4783, 143.6884

35.1921, 33.1455,
46.3107

144.2185,
141.6592, 180.2999

23.9781, 22.2379,
32.1407

179.1725,
176.8478, 222.6553

15.4420, 14.0318,
21.2032

219.3620,
217.4287, 271.1731

9.2185, 8.1428,
13.0800

265.1522,
263.7862, 326.2719

4.9422, 4.1865,
7.3523

316.9086,

2.2478, 1.7784,

316.3048, 388.3703

3.6016

374.9964,
375.3687, 457.8867

■ 0.7678, 0.4737,
1.4094

■ 0.0000, 0.0000,
0.1491

■ 67.1153, 64.6026,
86.0230

■ 67.1153, 64.6026,
86.0230

■ 60.1196, 53.4340,
84.2369

■ 75.0122, 77.4669,
88.0908

■ 53.9820, 43.8789,
82.7161

■ 83.8398, 92.0879,
90.4477

■ 48.6639, 35.8605,
81.4487

■ 87.6526, 96.5726,
91.1124

■ 44.1218, 29.2926,
80.4204

■ 89.8412, 97.7008,
91.2148

■ 40.3074, 24.0802,
79.6153

■ 91.7082, 98.6633,
91.3022

■ 37.1671, 20.1168,
79.0158

■ 34.6387, 17.2794,
78.6014

■ 32.6474, 15.4198,
78.3474

■ 31.4732, 14.5260,
78.2368

Harmonies

Analogous

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



63.6752, 64.6026, 93.0409



67.1153, 64.6026, 86.0230



69.0581, 64.6026, 75.1905

Triad

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



67.1153, 64.6026, 86.0230



63.0735, 64.6026, 51.3039



54.4809, 64.6026, 76.9682

Complementary

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



67.1153, 64.6026, 86.0230



66.7846, 76.4402, 67.7376

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.



54.3353, 64.6026, 65.7051



67.1153, 64.6026, 86.0230



59.1852, 64.6026, 51.6711

Square

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



67.1153, 64.6026, 86.0230



66.6587, 64.6026, 55.6285



56.0241, 64.6026, 56.6915



56.4308, 64.6026, 87.4433

Rectangle

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



67.1153, 64.6026, 86.0230



69.1908, 64.6026, 67.6260



56.0241, 64.6026, 56.6915



54.2224, 64.6026, 73.1282

Sweetspot

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



67.1172, 64.6054, 86.0244



90.8882, 93.1516, 107.7975



62.7578, 65.4198, 86.4114



19.2907, 19.6709, 23.0301



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.



67.1172, 64.6054, 86.0244



80.3847, 76.0934, 105.0585



68.7583, 65.5567, 81.3430



15.3002, 15.1000, 19.0304



17.9818, 8.3059, 44.3984



1.5023, 0.6987, 3.4906

Inverse Universe

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



66.7203, 64.7415, 70.6108



79.8468, 76.3002, 83.1563



65.3404, 75.6043, 71.7987



15.2304, 15.1200, 16.4987



19.6071, 10.0455, 3.7325



1.5785, 0.8043, 0.4976

Previews

White Background



This preview shows how the XYZ color 67.1153, 64.6026, 86.0230 looks on a white background.

Color Contrast Check

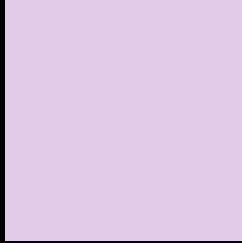
Large Text (above 18pt) WCAG AA × Fail

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 67.1153, 64.6026, 86.0230 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 67.1153, 64.6026, 86.0230

Background



This preview shows how black text looks on a background with the XYZ color 67.1153, 64.6026, 86.0230.



This preview shows how white text looks on a background with the XYZ color 67.1153, 64.6026,

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

67.1153, 64.6026, 86.0230

Protanopia

63.5401, 64.8372, 89.2867

Deuteranopia

66.0545, 64.7615, 86.1096



Tritanopia

65.3139, 64.5711, 77.4277

Trichromacy



Original Color

67.1153, 64.6026, 86.0230

Protanomaly

64.8937, 64.8279, 88.4497

Deuteranomaly

66.4250, 64.5985, 86.0586

Tritanomaly

65.9239, 64.4693, 80.2034

Monochromacy



Original Color

67.1153, 64.6026, 86.0230

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.3340, 65.5199, 76.9660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1153, 64.6026, 86.0230 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(225, 203, 233)` looks like.

```
.text, #text, p{  
    color:rgb(225, 203, 233)  
}
```

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(225, 203, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 203, 233) }
```

Border

The CSS property to change the border of an element to XYZ 67.1153, 64.6026, 86.0230 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(225, 203, 233) }
```


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

```
.border{ border-color:rgb(225, 203, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 203, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 203, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 203, 233); box-shadow:4px 4px 4px 4px rgb(225, 203, 233) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1153, 64.6026, 86.0230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 203, 233) }
```

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

```
.background{ background-color: rgb(225,  
203, 233) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor