

Converting Colors

XYZ(71.0592, 68.1906, 87.2698)

Have a look what the booklet for
XYZ(71.0592, 68.1906, 87.2698)
contains.

XYZ(71.0958, 68.0586, 87.2314)	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(71.0958, 68.0586,
87.2314)**

Conversions

Conversions Part 1

Format	Color
Hex	EACFEA
RGB	234, 207, 234
RGB Percent	92%, 81%, 92%
CMY	0.0823, 0.1882, 0.0823
CMYK	0.00, 0.12, 0.00, 0.08
HSL	300°, 39%, 86%
HSV	300°, 12%, 92%
XYZ	71.0958, 68.0586, 87.2314
YIQ	218.1510, 7.4250, 14.1210

Conversions

Conversions Part 2

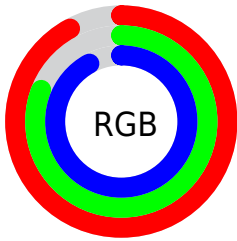
Format	Color
RYB	234, 207, 234
Decimal	15388650
CIELab	86.04, 14.07, -9.83
CIELCh	86, 17.161, 325.060
Yxy	68.0586, 0.3140, 0.3006
Android (android.graphics.Color)	4293578730 (0xFFEACFEA)
YUV	218.1510, 7.8136, 13.8996
Hunter-Lab	82.4976, 9.4590, -4.9438

Details

The XYZ color **71.0958, 68.0586, 87.2314** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.4201, 76.6180, 70.3231**, and the grayscale version is **66.6906, 70.1637, 76.4083**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7872, 35.4618, 46.9727** is the 20% darker color. If you saturate the color by 10%, you get **65.8422, 57.5505, 85.4809**, and if you desaturate by 10%, it is **77.1935, 80.2529, 89.2649**.

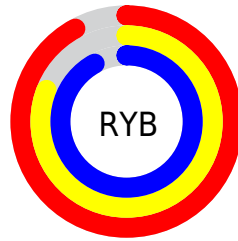
Distribution



Red (92%)

Green (81%)

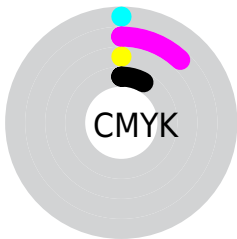
Blue (92%)



Red (92%)

Yellow (81%)

Blue (92%)

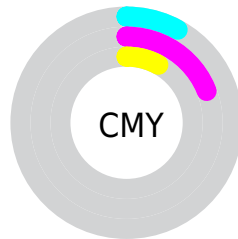


Cyan (0%)

Magenta (12%)

Yellow (0%)

Black (8%)



Cyan (8%)


Magenta (19%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.0958, 68.0586, 87.2314 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 71.0958, 68.0586, 87.2314 by changing the saturation by 10% instead.


 71.0958, 68.0586,
87.2314

 71.0958, 68.0586,
87.2314


453.5949,
453.7036, 539.3189

 52.7032, 49.9454,
65.1260


119.7879,
116.4360, 145.3883

 37.7924, 35.3700,
47.1113

150.8181,
147.4689, 182.2770

 25.9981, 23.9480,
32.7686


186.7915,
183.5773, 224.9304

 16.9549, 15.2951,
21.6796

228.0736,
225.1454, 273.7672

 10.2974, 9.0267,
13.4256

275.0296,
272.5577, 329.2059

 5.6604, 4.7586,
7.5881

328.0249,

 2.6784, 2.1063,

326.1986, 391.6651

3.7486

387.4249,
386.4524, 461.5632

■ 0.9861, 0.6682,
1.4884

■ 0.0000, 0.0000,
0.2093

■ 71.0958, 68.0586,
87.2314

■ 71.0958, 68.0586,
87.2314

■ 65.8422, 57.5505,
85.4809

■ 77.1935, 80.2529,
89.2649

■ 61.3900, 48.6460,
83.9968

■ 84.1639, 94.1937,
91.5884

■ 57.7016, 41.2692,
82.7672

■ 84.5437, 94.9533,
91.7151

■ 54.7340, 35.3340,
81.7779

■ 84.5437, 94.9533,
91.7152

52.4401, 30.7464,
81.0132

84.5438, 94.9533,
91.7153

50.7673, 27.4007,
80.4555

84.5438, 94.9533,
91.7154

49.6549, 25.1759,
80.0846

84.5438, 94.9533,
91.7155

49.0302, 23.9266,
79.8763

84.5438, 94.9533,
91.7156

48.7835, 23.4332,
79.7939

84.5438, 94.9533,
91.7157

Harmonies

Analogous

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



67.9484, 68.0586, 95.5366



71.0958, 68.0586, 87.2314



72.5290, 68.0586, 75.9874

Triad

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



71.0958, 68.0586, 87.2314



65.3419, 68.0586, 54.5300



58.0677, 68.0586, 83.6748

Complementary

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



71.0958, 68.0586, 87.2314



66.4201, 76.6180, 70.3231

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.



57.4329, 68.0586, 72.2524



71.0958, 68.0586, 87.2314



61.5330, 68.0586, 56.1439

Square

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



71.0958, 68.0586, 87.2314



69.1221, 68.0586, 57.7103



58.6766, 68.0586, 62.3649



60.4470, 68.0586, 93.3415

Rectangle

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



71.0958, 68.0586, 87.2314



72.2789, 68.0586, 68.6110



58.6766, 68.0586, 62.3649



57.6474, 68.0586, 79.8832

Sweetspot

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



71.0978, 68.0615, 87.2329



92.6579, 95.2158, 108.1026



62.8993, 63.8350, 86.8493



19.6992, 20.1134, 23.0940



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.



71.0978, 68.0615, 87.2329



84.6998, 79.2997, 105.4498



69.2314, 67.3150, 77.4045



15.7149, 15.3138, 19.0498



27.4133, 13.1680, 44.8392



2.1526, 1.0340, 3.5210

Inverse Universe

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



71.0978, 68.0615, 87.2329



84.6998, 79.2997, 105.4498



68.1420, 77.3067, 79.3905



15.7149, 15.3138, 19.0498



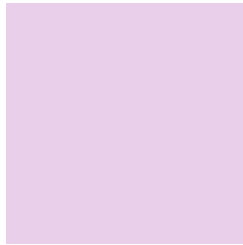
27.4133, 13.1680, 44.8392



2.1526, 1.0340, 3.5210

Previews

White Background



This preview shows how the XYZ color 71.0958, 68.0586, 87.2314 looks on a white background.

Color Contrast Check

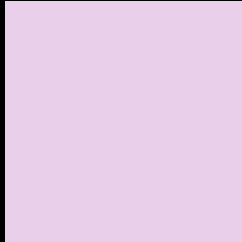
Large Text (above 18pt) WCAG AA × Fail

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 71.0958, 68.0586, 87.2314 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 71.0958, 68.0586, 87.2314

Background



This preview shows how black text looks on a background with the XYZ color 71.0958, 68.0586, 87.2314.



This preview shows how white text looks on a background with the XYZ color 71.0958, 68.0586,

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

71.0958, 68.0586, 87.2314

Protanopia

66.6306, 68.2632, 90.5532

Deuteranopia

69.6467, 68.0354, 87.3033



Tritanopia

69.9953, 68.3608, 80.7400

Trichromacy



Original Color

71.0958, 68.0586, 87.2314

Protanomaly

68.0955, 67.9186, 89.6413

Deuteranomaly

70.0403, 67.8753, 87.2516

Tritanomaly

70.1637, 68.0368, 82.8332

Monochromacy



Original Color

71.0958, 68.0586, 87.2314

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.2416, 69.3222, 80.3048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0958, 68.0586, 87.2314 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(234, 207, 234)` looks like.

```
.text, #text, p{  
    color:rgb(234, 207, 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(234, 207, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 207, 234) }
```

Border

The CSS property to change the border of an element to XYZ 71.0958, 68.0586, 87.2314 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(234, 207, 234) }
```


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

```
.border{ border-color:rgb(234, 207, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 207, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 207, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 207, 234);  
box-shadow:4px 4px 4px 4px rgb(234, 207,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0958, 68.0586, 87.2314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 207, 234) }
```

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

```
.background{ background-color: rgb(234,  
207, 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](#).

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