

Converting Colors

XYZ(73.2078, 68.7831, 88.9039)

Have a look what the booklet for
XYZ(73.2078, 68.7831, 88.9039)
contains.

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Color

**XYZ(73.1468, 68.7240,
88.7667)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CEEC
RGB	240, 206, 236
RGB Percent	94%, 81%, 93%
CMY	0.0588, 0.1921, 0.0745
CMYK	0.00, 0.14, 0.02, 0.06
HSL	307°, 53%, 87%
HSV	307°, 14%, 94%
XYZ	73.1468, 68.7240, 88.7667
YIQ	219.5860, 10.6340, 16.5380

Conversions

Conversions Part 2

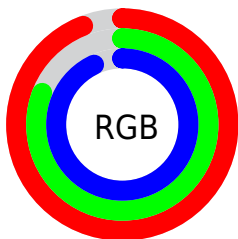
Format	Color
R _Y B	240, 206, 236
Decimal	15781612
CIE Lab	86.37, 16.96, -10.34
CIE LCh	86, 19.866, 328.633
Yxy	68.7240, 0.3172, 0.2980
Android (android.graphics.Color)	4293971692 (0xFFFF0CEE)
YUV	219.5860, 8.0921, 17.9031
Hunter-Lab	82.8999, 12.4247, -5.4559

Details

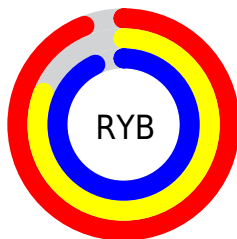
The XYZ color **73.1468, 68.7240, 88.7667** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.2492, 80.0971, 72.8396**, and the grayscale version is **67.6810, 71.2057, 77.5430**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2336, 35.9421, 48.0497** is the 20% darker color. If you saturate the color by 10%, you get **67.3981, 57.8769, 84.8428**, and if you desaturate by 10%, it is **79.7882, 81.3440, 93.0218**.

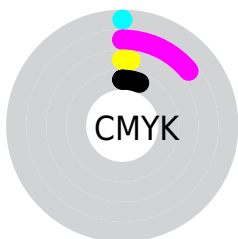
Distribution



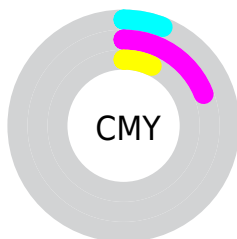
- Red (94%)
- Green (81%)
- Blue (93%)



- Red (94%)
- Yellow (81%)
- Blue (93%)



- Cyan (0%)
- Magenta (14%)
- Yellow (2%)
- Black (6%)





- Cyan (6%)
- Magenta (19%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1468, 68.7240, 88.7667 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 73.1468, 68.7240, 88.7667 by changing the saturation by 10% instead.


 73.1468, 68.7240,
88.7667

 73.1468, 68.7240,
88.7667


460.6194,
456.0569, 544.4770

 54.3848, 50.4870,
66.3903


122.6876,
117.3873, 147.5446

 39.1413, 35.8005,
48.1308

154.1971,
148.5823, 184.7832

 27.0509, 24.2801,
33.5698


190.6865,
184.8655, 227.8128

 17.7482, 15.5416,
22.2886

232.5212,
226.6212, 277.0522

 10.8680, 9.2003,
13.8688

280.0664,
274.2337, 332.9197

 6.0448, 4.8721,
7.8917

333.6876,

 2.9132, 2.1724,

328.0876, 395.8340

3.9390

393.7502,
388.5672, 466.2136

■ 1.1080, 0.7049,
1.5919

■ 0.0318, 0.0000,
0.2850

■ 73.1468, 68.7240,
88.7667

■ 73.1468, 68.7240,
88.7667

■ 67.3981, 57.8769,
84.8428

■ 79.7882, 81.3440,
93.0218

■ 62.4960, 48.7141,
81.2322

■ 87.3537, 95.8026,
97.6162

■ 58.3998, 41.1525,
77.9220

■ 88.0968, 96.6060,
99.9688

■ 55.0626, 35.0986,
74.8963

■ 88.5301, 96.7793,
102.2506

■ 52.4328, 30.4494,
72.1378

■ 88.9700, 96.9553,
104.5671

■ 50.4523, 27.0888,
69.6271

■ 89.4166, 97.1339,
106.9186

■ 49.0538, 24.8820,
67.3415

■ 89.7457, 97.2655,
108.6518

■ 48.1551, 23.6646,
65.2534

■ 47.7893, 23.2670,
64.1021

Harmonies

Analogous

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



69.6399, 68.7240, 99.2697



73.1468, 68.7240, 88.7667



74.5434, 68.7240, 75.4331

Triad

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



73.1468, 68.7240, 88.7667



65.5308, 68.7240, 52.3039



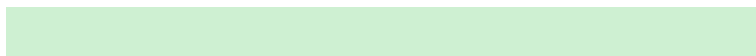
57.8783, 68.7240, 87.6020

Complementary

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



73.1468, 68.7240, 88.7667



68.2492, 80.0971, 72.8396

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.



56.8908, 68.7240, 74.2276



73.1468, 68.7240, 88.7667



61.1828, 68.7240, 54.7699

Square

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



73.1468, 68.7240, 88.7667



70.0210, 68.7240, 55.2608



58.0726, 68.7240, 62.4320



60.8345, 68.7240, 98.5438

Rectangle

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



73.1468, 68.7240, 88.7667



74.0422, 68.7240, 67.0423



58.0726, 68.7240, 62.4320



57.3114, 68.7240, 83.1959

Sweetspot

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



73.1488, 68.7270, 88.7682



91.6893, 93.5868, 106.8295



64.3713, 64.1341, 91.4256



19.4941, 19.7815, 22.7841



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.



73.1488, 68.7270, 88.7682



81.9356, 75.0680, 100.5308



70.7994, 67.7872, 76.3963



16.3695, 15.9975, 19.5019



26.1928, 12.7495, 35.2613



2.2015, 1.0696, 3.0517

Inverse Universe

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



73.1488, 68.7270, 88.7682



81.9356, 75.0680, 100.5308



70.4766, 80.9880, 84.5688



16.3695, 15.9975, 19.5019



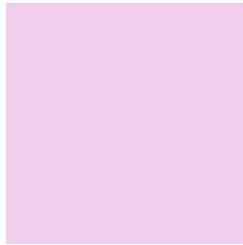
26.1928, 12.7495, 35.2613



2.2015, 1.0696, 3.0517

Previews

White Background



This preview shows how the XYZ color 73.1468, 68.7240, 88.7667 looks on a white background.

Color Contrast Check

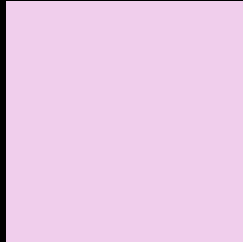
Large Text (above 18pt) WCAG AA × Fail

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 73.1468, 68.7240, 88.7667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

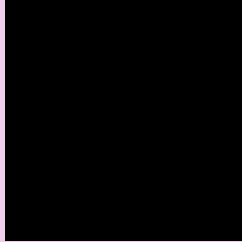
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.1468, 68.7240, 88.7667

Background



This preview shows how black text looks on a background with the XYZ color 73.1468, 68.7240, 88.7667.



This preview shows how white text looks on a background with the XYZ color 73.1468, 68.7240,

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

73.1468, 68.7240, 88.7667

Protanopia

67.6182, 69.0979, 92.9925

Deuteranopia

70.3551, 68.7494, 88.1591



Tritanopia

71.2703, 68.6707, 80.0194

Trichromacy



Original Color

73.1468, 68.7240, 88.7667

Protanomaly

69.5549, 69.0069, 91.3151

Deuteranomaly

71.4001, 68.9227, 88.1375

Tritanomaly

71.9130, 68.5778, 82.8454

Monochromacy



Original Color

73.1468, 68.7240, 88.7667

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.7065, 70.4228, 81.8705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1468, 68.7240, 88.7667 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(240, 206, 236)` looks like.

```
.text, #text, p{  
    color:rgb(240, 206, 236)  
}
```

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(240, 206, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 206, 236) }
```

Border

The CSS property to change the border of an element to XYZ 73.1468, 68.7240, 88.7667 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(240, 206, 236) }
```


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

```
.border{ border-color:rgb(240, 206, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 206, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 206, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 206, 236);  
box-shadow:4px 4px 4px 4px rgb(240, 206,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1468, 68.7240, 88.7667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 206, 236) }
```

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

```
.background{ background-color: rgb(240,  
206, 236) }
```

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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