

Converting Colors

XYZ(73.0286, 68.5353, 78.4936)

Have a look what the booklet for
XYZ(73.0286, 68.5353, 78.4936)
contains.

XYZ(73.0222, 68.5294, 78.4861)	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(73.0222, 68.5294,
78.4861)**

Conversions

Conversions Part 1

Format	Color
Hex	F6CDDE
RGB	246, 205, 222
RGB Percent	96%, 80%, 87%
CMY	0.0353, 0.1961, 0.1294
CMYK	0.00, 0.17, 0.10, 0.04
HSL	335°, 69%, 88%
HSV	335°, 17%, 96%
XYZ	73.0222, 68.5294, 78.4861
YIQ	219.1970, 18.9790, 13.9790

Conversions

Conversions Part 2

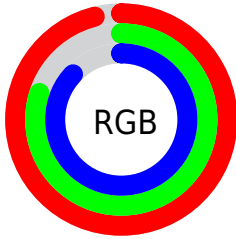
Format	Color
R _Y B	246, 205, 222
Decimal	16174558
CIE Lab	86.27, 17.12, -3.00
CIE LCh	86, 17.380, 350.071
Yxy	68.5294, 0.3319, 0.3114
Android (android.graphics.Color)	4294364638 (0xFFFF6CDDE)
YUV	219.1970, 1.3819, 23.5062
Hunter-Lab	82.7825, 12.5850, 1.7349

Details

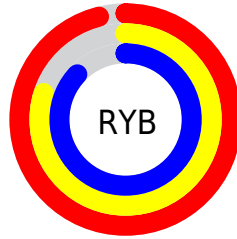
The XYZ color **73.0222, 68.5294, 78.4861** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.2782, 84.5496, 86.6430**, and the grayscale version is **67.4518, 70.9645, 77.2804**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0279, 35.7421, 41.4011** is the 20% darker color. If you saturate the color by 10%, you get **65.7457, 56.9340, 66.9409**, and if you desaturate by 10%, it is **81.3927, 82.0471, 91.2110**.

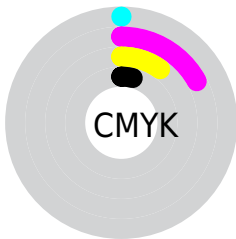
Distribution



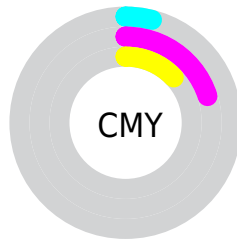
- Red (96%)
- Green (80%)
- Blue (87%)



- Red (96%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0222, 68.5294, 78.4861 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 73.0222, 68.5294, 78.4861 by changing the saturation by 10% instead.


 73.0222, 68.5294,
78.4861

 73.0222, 68.5294,
78.4861

460.1943,
455.3694, 509.3877

 54.2826, 50.3285,
57.9546


122.5117,
117.1092, 133.0272

 39.0592, 35.6745,
41.3577

153.9922,
148.2569, 167.8739

 26.9867, 24.1829,
28.2769


190.4505,
184.4890, 208.3294

 17.6998, 15.4694,
18.2936

232.2518,
226.1899, 254.8122

 10.8330, 9.1495,
10.9894

279.7614,
273.7440, 307.7409

 6.0211, 4.8388,
5.9456

333.3448,

 2.8987, 2.1530,

327.5357, 367.5341

2.7438

393.3674,
387.9494, 434.6101

■ 1.1004, 0.6942,
0.9653

■ 0.0255, 0.0000,
0.0000

■ 73.0222, 68.5294,
78.4861

■ 73.0222, 68.5294,
78.4861

■ 65.7457, 56.9340,
66.9409

■ 81.3927, 82.0471,
91.2110

■ 59.5101, 47.1639,
56.5352

■ 90.8954, 97.5602,
105.1456

■ 54.2665, 39.1273,
47.2324

■ 91.8164, 98.3330,
108.7487

■ 49.9597, 32.7210,
38.9921

■ 46.5287, 27.8302,
31.7710

■ 43.9047, 24.3255,
25.5222

■ 42.0078, 22.0551,
20.1936

■ 40.7383, 20.8283,
15.7250

■ 40.4040, 20.5521,
14.4042

Harmonies

Analogous

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



71.2233, 68.5294, 89.6927



73.0222, 68.5294, 78.4861



72.6424, 68.5294, 67.2981

Triad

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



73.0222, 68.5294, 78.4861



62.5268, 68.5294, 55.7527



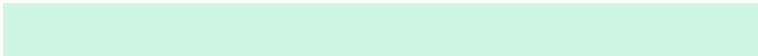
60.3146, 68.5294, 92.8471

Complementary

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



73.0222, 68.5294, 78.4861



72.2782, 84.5496, 86.6430

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.



58.1638, 68.5294, 82.4478



73.0222, 68.5294, 78.4861



59.4042, 68.5294, 61.3328

Square

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



73.0222, 68.5294, 78.4861



66.4725, 68.5294, 54.9256



57.8375, 68.5294, 70.8769



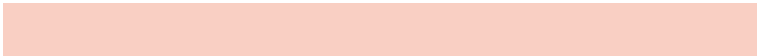
63.8158, 68.5294, 98.5282

Rectangle

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



73.0222, 68.5294, 78.4861



71.2102, 68.5294, 61.2958



57.8375, 68.5294, 70.8769



59.4158, 68.5294, 89.7403

Sweetspot

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



73.0242, 68.5324, 78.4876



89.9379, 91.6617, 101.3821



70.7549, 66.9641, 96.3859



19.1020, 19.3780, 21.4795



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

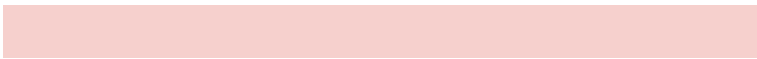
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0242, 68.5324, 78.4876



76.4430, 69.8898, 80.7978



71.6855, 69.3189, 67.3629



16.7840, 16.5965, 18.6093



21.6318, 10.9962, 8.0356



1.9511, 0.9864, 0.9690

Inverse Universe

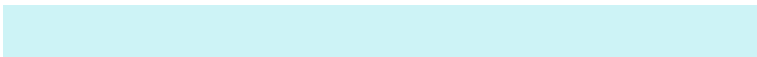
The Inverse Universe completely reimagines the original color for something new.



73.0242, 68.5324, 78.4876



76.4430, 69.8898, 80.7978



73.7397, 83.4868, 99.4178



16.7840, 16.5965, 18.6093



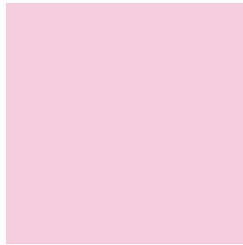
21.6318, 10.9962, 8.0356



1.9511, 0.9864, 0.9690

Previews

White Background



This preview shows how the XYZ color 73.0222, 68.5294, 78.4861 looks on a white background.

Color Contrast Check

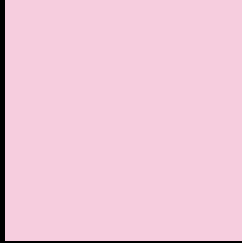
Large Text (above 18pt) WCAG AA × Fail

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 73.0222, 68.5294, 78.4861 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 73.0222, 68.5294, 78.4861

Background



This preview shows how black text looks on a background with the XYZ color 73.0222, 68.5294, 78.4861.



This preview shows how white text looks on a background with the XYZ color 73.0222, 68.5294,

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

73.0222, 68.5294, 78.4861

Protanopia

66.6229, 68.8012, 83.1674

Deuteranopia

70.1126, 68.4836, 77.9299



Tritanopia

72.8885, 68.4759, 77.7822

Trichromacy



Original Color

73.0222, 68.5294, 78.4861

Protanomaly

68.7003, 68.4104, 81.5351

Deuteranomaly

71.2036, 68.6829, 77.9109

Tritanomaly

72.8885, 68.4759, 77.7822

Monochromacy



Original Color

73.0222, 68.5294, 78.4861

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.2779, 69.9185, 77.5544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0222, 68.5294, 78.4861 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(246, 205, 222)` looks like.

```
.text, #text, p{  
    color:rgb(246, 205, 222)  
}
```

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(246, 205, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 205, 222) }
```

Border

The CSS property to change the border of an element to XYZ 73.0222, 68.5294, 78.4861 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(246, 205, 222) }
```


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

```
.border{ border-color:rgb(246, 205, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 205, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 205, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 205, 222); box-shadow:4px 4px 4px 4px rgb(246, 205, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0222, 68.5294, 78.4861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 205, 222) }
```

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

```
.background{ background-color: rgb(246,  
205, 222) }
```

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