

Converting Colors

XYZ(76.2975, 67.0705, 88.5433)

Have a look what the booklet for
XYZ(76.2975, 67.0705, 88.5433)
contains.

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Color

**XYZ(76.3466, 67.2486,
88.3133)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5EC
RGB	255, 197, 236
RGB Percent	100%, 77%, 93%
CMY	0.0000, 0.2274, 0.0745
CMYK	0.00, 0.23, 0.07, 0.00
HSL	320°, 100%, 89%
HSV	320°, 23%, 100%
XYZ	76.3466, 67.2486, 88.3133
YIQ	218.7880, 22.0490, 24.4250

Conversions

Conversions Part 2

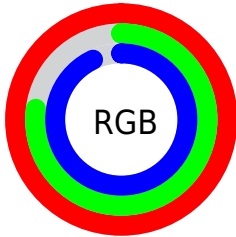
Format	Color
R_{YB}	255, 197, 236
Decimal	16762348
CIE _{Lab}	85.63, 26.73, -11.29
CIE _{LCh}	86, 29.017, 337.094
Yxy	67.2486, 0.3292, 0.2900
Android (android.graphics.Color)	4294952428 (0xFFFFC5EC)
YUV	218.7880, 8.4855, 31.7579
Hunter-Lab	82.0052, 22.6737, -6.4471

Details

The XYZ color **76.3466, 67.2486, 88.3133** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.1827, 88.3492, 78.2702**, and the grayscale version is **67.1188, 70.6142, 76.8989**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **41.3494, 34.9460, 47.7459** is the 20% darker color. If you saturate the color by 10%, you get **69.8533, 56.1591, 80.3007**, and if you desaturate by 10%, it is **83.8789, 80.3249, 96.9542**.

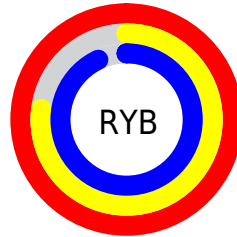
Distribution



Red (100%)

Green (77%)

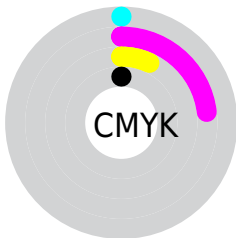
Blue (93%)



Red (100%)

Yellow (77%)

Blue (93%)

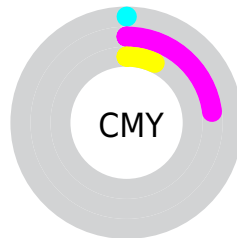


Cyan (0%)

Magenta (23%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3466, 67.2486, 88.3133 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 76.3466, 67.2486, 88.3133 by changing the saturation by 10% instead.

 76.3466, 67.2486,
88.3133

 76.3466, 67.2486,
88.3133


471.4595,
450.8292, 542.9565

 57.0148, 49.2867,
66.0168


127.1945,
115.2766, 146.9082

 41.2573, 34.8469,
47.8294

159.4413,
146.1114, 184.0437

 28.7088, 23.5450,
33.3328


196.7238,
182.0060, 226.9626

 19.0038, 14.9964,
22.1083

239.4074,
223.3447, 276.0833

 11.7770, 8.8169,
13.7374

287.8574,
270.5120, 331.8246

 6.6632, 4.6219,
7.8016

342.4392,

 3.2968, 2.0272,

323.8923, 394.6048

3.8823

403.5181,
383.8698, 464.8427

■ 1.3126, 0.6232,
1.5610

■ 0.1926, 0.0000,
0.2628

■ 76.3466, 67.2486,
88.3133

■ 76.3466, 67.2486,
88.3133

■ 69.8533, 56.1591,
80.3007

■ 83.8789, 80.3249,
96.9542

■ 64.3447, 46.9495,
72.8917

■ 92.4924, 95.4716,
106.2384

■ 59.7678, 39.5151,
66.0658

95.0500, 100.0000,
108.9000

■ 56.0630, 33.7376,
59.7990

■ 53.1631, 29.4842,
54.0651

■ 50.9910, 26.6018,
48.8341

■ 49.4529, 24.9045,
44.0706

■ 48.6349, 24.2180,
40.8710

Harmonies

Analogous

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



71.8888, 67.2486, 106.2403



76.3466, 67.2486, 88.3133



77.3692, 67.2486, 68.8209

Triad

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



76.3466, 67.2486, 88.3133



62.3619, 67.2486, 42.7306



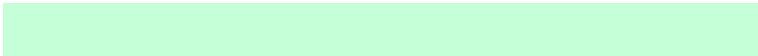
54.3120, 67.2486, 97.4269

Complementary

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



76.3466, 67.2486, 88.3133



71.1827, 88.3492, 78.2702

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.



52.1234, 67.2486, 77.8074



76.3466, 67.2486, 88.3133



56.5589, 67.2486, 47.8700

Square

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



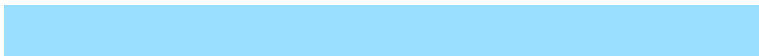
76.3466, 67.2486, 88.3133



68.9902, 67.2486, 44.5650



52.9168, 67.2486, 59.9565



59.1003, 67.2486, 112.1028

Rectangle

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



76.3466, 67.2486, 88.3133



75.9058, 67.2486, 57.8722



52.9168, 67.2486, 59.9565



53.2635, 67.2486, 91.0716

Sweetspot

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



76.3481, 67.2513, 88.3147



88.6903, 88.7643, 102.2060



66.1509, 61.6584, 103.0225



18.8715, 18.8024, 21.7560



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.



76.3481, 67.2513, 88.3147



73.4593, 62.2926, 84.8277



72.5482, 65.7314, 68.3050



18.5247, 18.1932, 21.3804



25.4845, 12.6831, 21.7337



2.5317, 1.2551, 2.3814

Inverse Universe

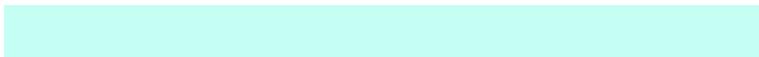
The Inverse Universe completely reimagines the original color for something new.



76.3481, 67.2513, 88.3147



73.4593, 62.2926, 84.8277



75.1725, 89.9451, 99.2801



18.5247, 18.1932, 21.3804



25.4845, 12.6831, 21.7337



2.5317, 1.2551, 2.3814

Previews

White Background



This preview shows how the XYZ color 76.3466, 67.2486, 88.3133 looks on a white background.

Color Contrast Check

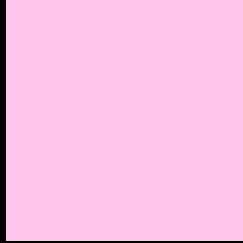
Large Text (above 18pt) WCAG AA × Fail

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 76.3466, 67.2486, 88.3133 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 76.3466, 67.2486, 88.3133

Background



This preview shows how black text looks on a background with the XYZ color 76.3466, 67.2486, 88.3133.



This preview shows how white text looks on a background with the XYZ color 76.3466, 67.2486,

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

76.3466, 67.2486, 88.3133

Protanopia

66.7233, 67.7976, 96.7583

Deuteranopia

68.7712, 67.2210, 87.1922



Tritanopia

73.1938, 66.9619, 74.0329

Trichromacy



Original Color

76.3466, 67.2486, 88.3133



Protanomaly

69.7039, 67.2052, 93.3025



Deuteranomaly

71.5133, 67.1884, 87.7968



Tritanomaly

74.2507, 67.0572, 78.8419

Monochromacy



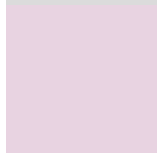
Original Color

76.3466, 67.2486, 88.3133



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

70.1636, 69.1806, 80.8893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3466, 67.2486, 88.3133 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(255, 197, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 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(255, 197, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 236) }
```

Border

The CSS property to change the border of an element to XYZ 76.3466, 67.2486, 88.3133 is called "border". The border property can be set on classes, ids or directly on the HTML element.

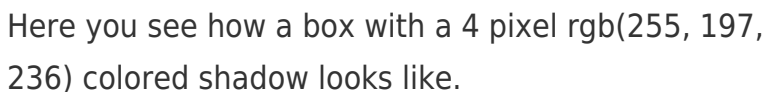
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 197, 236) }
```


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

```
.border{ border-color:rgb(255, 197, 236) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 197, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 197, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 197, 236); box-shadow:4px 4px 4px 4px rgb(255, 197, 236) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3466, 67.2486, 88.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 236) }
```

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

```
.background{ background-color: rgb(255,  
197, 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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