

Converting Colors

XYZ(76.4026, 68.9918, 88.6504)

Have a look what the booklet for
XYZ(76.4026, 68.9918, 88.6504)
contains.

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Color

**XYZ(76.4057, 68.9926,
88.6468)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCAEC
RGB	252, 202, 236
RGB Percent	99%, 79%, 93%
CMY	0.0118, 0.2078, 0.0745
CMYK	0.00, 0.20, 0.06, 0.01
HSL	319°, 89%, 89%
HSV	319°, 20%, 99%
XYZ	76.4057, 68.9926, 88.6468
YIQ	220.8260, 18.8860, 21.1740

Conversions

Conversions Part 2

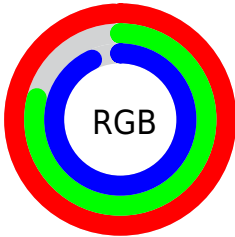
Format	Color
R _Y B	252, 202, 236
Decimal	16567020
CIE Lab	86.50, 23.09, -10.03
CIE LCh	87, 25.177, 336.531
Yxy	68.9926, 0.3265, 0.2948
Android (android.graphics.Color)	4294757100 (0xFFFC CAEC)
YUV	220.8260, 7.4808, 27.3396
Hunter-Lab	83.0618, 18.8379, -5.1334

Details

The XYZ color **76.4057, 68.9926, 88.6468** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.8251, 87.2412, 79.3872**, and the grayscale version is **68.5468, 72.1166, 78.5350**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3338, 36.0772, 47.9651** is the 20% darker color. If you saturate the color by 10%, you get **69.8239, 57.6611, 80.8023**, and if you desaturate by 10%, it is **84.0099, 82.2822, 97.0948**.

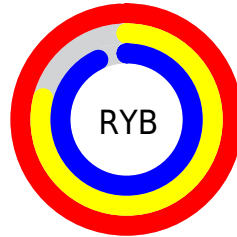
Distribution



Red (99%)

Green (79%)

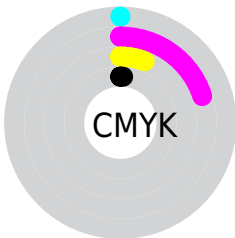
Blue (93%)



Red (99%)

Yellow (79%)

Blue (93%)

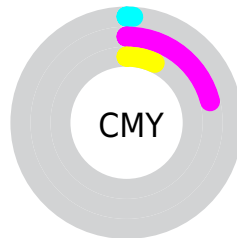


Cyan (0%)

Magenta (20%)

Yellow (6%)

Black (1%)



Cyan (1%)


Magenta (21%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4057, 68.9926, 88.6468 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 76.4057, 68.9926, 88.6468 by changing the saturation by 10% instead.


 76.4057, 68.9926,
88.6468

 76.4057, 68.9926,
88.6468


471.6584,
457.0049, 544.0751

 57.0635, 50.7057,
66.2915

127.2775,
117.7710, 147.3764

 41.2965, 35.9744,
48.0511

159.5378,
149.0313, 184.5877

 28.7396, 24.4145,
33.5071


196.8349,
185.3848, 227.5881

 19.0272, 15.6413,
22.2409

239.5340,
227.2160, 276.7961

 11.7940, 9.2707,
13.8340

288.0005,
274.9092, 332.6303

 6.6748, 4.9182,
7.8679

342.5999,

 3.3041, 2.1993,

328.8488, 395.5091

3.9240

403.6974,
389.4192, 465.8512

■ 1.3165, 0.7196,
1.5837

■ 0.1955, 0.0000,
0.2792

■ 76.4057, 68.9926,
88.6468

■ 76.4057, 68.9926,
88.6468

■ 69.8239, 57.6611,
80.8023

■ 84.0099, 82.2822,
97.0948

■ 64.2109, 48.1848,
73.5375

■ 92.6748, 97.6083,
106.1600

■ 59.5175, 40.4650,
66.8335

■ 93.9553, 99.4357,
108.8488

■ 55.6872, 34.3902,
60.6679

■ 52.6573, 29.8361,
55.0161

■ 50.3561, 26.6605,
49.8505

■ 48.6983, 24.6940,
45.1389

■ 47.5466, 23.6632,
40.8317

■ 47.5298, 23.6495,
40.7650

Harmonies

Analogous

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



72.4777, 68.9926, 103.9861



76.4057, 68.9926, 88.6468



77.3559, 68.9926, 71.5280

Triad

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



76.4057, 68.9926, 88.6468



64.3084, 68.9926, 47.5247



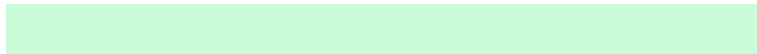
56.9734, 68.9926, 95.8998

Complementary

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



76.4057, 68.9926, 88.6468



71.8251, 87.2412, 79.3872

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.



55.0561, 68.9926, 78.8328



76.4057, 68.9926, 88.6468



59.1259, 68.9926, 52.1631

Square

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



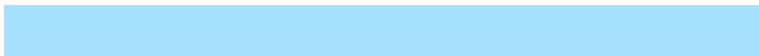
76.4057, 68.9926, 88.6468



70.1421, 68.9926, 49.3514



55.8202, 68.9926, 63.0465



61.2113, 68.9926, 108.5884

Rectangle

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



76.4057, 68.9926, 88.6468



76.1256, 68.9926, 61.6728



55.8202, 68.9926, 63.0465



56.0479, 68.9926, 90.3950

Sweetspot

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



76.4077, 68.9957, 88.6483



89.5834, 90.3123, 103.2381



67.5577, 64.1525, 100.9185



19.0524, 19.1148, 21.9683



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.



76.4077, 68.9957, 88.6483



75.5427, 65.7767, 87.6262



73.0466, 67.6512, 70.9489



17.7429, 17.4245, 20.5016



24.8287, 12.3472, 21.6042



2.3479, 1.1629, 2.2552

Inverse Universe

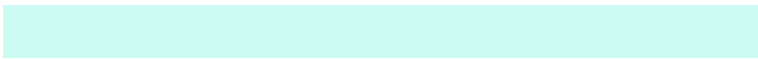
The Inverse Universe completely reimagines the original color for something new.



76.4077, 68.9957, 88.6483



75.5427, 65.7767, 87.6262



75.3223, 88.6401, 97.8031



17.7429, 17.4245, 20.5016



24.8287, 12.3472, 21.6042



2.3479, 1.1629, 2.2552

Previews

White Background



This preview shows how the XYZ color 76.4057, 68.9926, 88.6468 looks on a white background.

Color Contrast Check

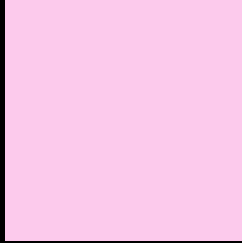
Large Text (above 18pt) WCAG AA × Fail

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 76.4057, 68.9926, 88.6468 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 76.4057, 68.9926, 88.6468

Background



This preview shows how black text looks on a background with the XYZ color 76.4057, 68.9926, 88.6468.



This preview shows how white text looks on a background with the XYZ color 76.4057, 68.9926,

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

76.4057, 68.9926, 88.6468

Protanopia

67.7810, 69.1296, 95.3589

Deuteranopia

70.7787, 69.3520, 87.4977



Tritanopia

74.3068, 69.2071, 77.8485

Trichromacy



Original Color

76.4057, 68.9926, 88.6468

Protanomaly

70.6023, 68.7750, 92.7728

Deuteranomaly

72.8112, 69.2871, 88.1334

Tritanomaly

75.1040, 69.1859, 81.3473

Monochromacy



Original Color

76.4057, 68.9926, 88.6468

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

71.0527, 70.7399, 81.8608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4057, 68.9926, 88.6468 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(252, 202, 236)` looks like.

```
.text, #text, p{  
    color:rgb(252, 202, 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(252, 202, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 202, 236) }
```

Border

The CSS property to change the border of an element to XYZ 76.4057, 68.9926, 88.6468 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(252, 202, 236) }
```


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

```
.border{ border-color:rgb(252, 202, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 202, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 202, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 202, 236);  
box-shadow:4px 4px 4px 4px rgb(252, 202,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4057, 68.9926, 88.6468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 202, 236) }
```

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

```
.background{ background-color: rgb(252,  
202, 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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