

Converting Colors

XYZ(77.3064, 71.2513, 87.4899)

Have a look what the booklet for XYZ(77.3064, 71.2513, 87.4899) contains.

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Color

**XYZ(77.3090, 71.2616,
87.5221)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCFEA
RGB	252, 207, 234
RGB Percent	99%, 81%, 92%
CMY	0.0118, 0.1882, 0.0823
CMYK	0.00, 0.18, 0.07, 0.01
HSL	324°, 88%, 90%
HSV	324°, 18%, 99%
XYZ	77.3090, 71.2616, 87.5221
YIQ	223.5330, 18.1530, 17.9370

Conversions

Conversions Part 2

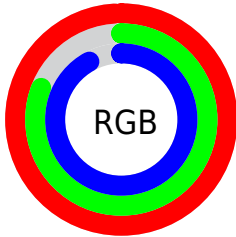
Format	Color
R _Y B	252, 207, 234
Decimal	16568298
CIE Lab	87.61, 20.13, -7.32
CIE LCh	88, 21.417, 340.023
Yxy	71.2616, 0.3275, 0.3018
Android (android.graphics.Color)	4294758378 (0xFFFCCEA)
YUV	223.5330, 5.1602, 24.9656
Hunter-Lab	84.4166, 15.7419, -2.3795

Details

The XYZ color **77.3090, 71.2616, 87.5221** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.1360, 88.3244, 84.3793**, and the grayscale version is **70.4755, 74.1457, 80.7446**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7698, 37.2729, 47.1124** is the 20% darker color. If you saturate the color by 10%, you get **70.2773, 59.4495, 78.2352**, and if you desaturate by 10%, it is **85.4016, 85.0616, 97.5709**.

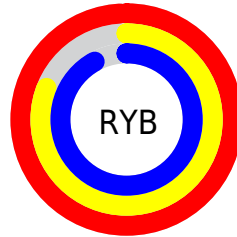
Distribution



Red (99%)

Green (81%)

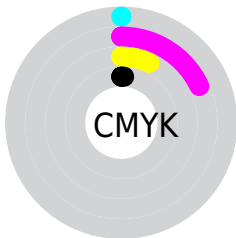
Blue (92%)



Red (99%)

Yellow (81%)

Blue (92%)

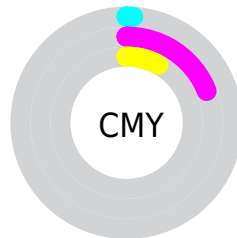


Cyan (0%)

Magenta (18%)

Yellow (7%)

Black (1%)



Cyan (1%)


Magenta (19%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.3090, 71.2616, 87.5221 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 77.3090, 71.2616, 87.5221 by changing the saturation by 10% instead.


 77.3090, 71.2616,
87.5221

 77.3090, 71.2616,
87.5221


474.6927,
464.9674, 540.2976

 57.8073, 52.5557,
65.3653


128.5461,
121.0061, 145.7969

 41.8964, 37.4482,
47.3041

161.0122,
152.8136, 182.7520

 29.2110, 25.5547,
32.9201


198.5306,
189.7570, 225.4769

 19.3855, 16.4908,
21.7946

241.4665,
232.2208, 274.3901

 12.0549, 9.8721,
13.5092

290.1853,
280.5893, 329.9103

 6.8535, 5.3143,
7.6453

345.0524,

 3.4162, 2.4328,

335.2470, 392.4559

3.7843

406.4331,
396.5782, 462.4455

■ 1.3775, 0.8427,
1.5078

■ 0.2401, 0.0000,
0.2237

■ 77.3090, 71.2616,
87.5221

■ 77.3090, 71.2616,
87.5221

■ 70.2773, 59.4495,
78.2352

■ 85.4016, 85.0616,
97.5709

■ 64.2528, 49.5232,
69.6831

■ 93.8210, 99.3819,
108.1410

■ 59.1863, 41.3854,
61.8434

■ 93.9554, 99.4357,
108.8488

■ 55.0219, 34.9267,
54.6905

■ 51.6976, 30.0251,
48.1963

■ 49.1429, 26.5423,
42.3299

■ 47.2749, 24.3151,
37.0560

■ 45.9830, 23.1246,
32.3299

■ 45.7468, 22.9363,
31.3754

Harmonies

Analogous

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



74.1938, 71.2616, 100.9849



77.3090, 71.2616, 87.5221



77.7880, 71.2616, 72.8355

Triad

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



77.3090, 71.2616, 87.5221



66.0502, 71.2616, 53.2272



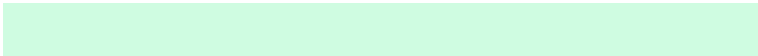
60.5405, 71.2616, 96.9578

Complementary

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



77.3090, 71.2616, 87.5221



74.1360, 88.3244, 84.3793

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.



58.5824, 71.2616, 82.5507



77.3090, 71.2616, 87.5221



61.6568, 71.2616, 58.1227

Square

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



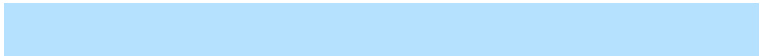
77.3090, 71.2616, 87.5221



71.1160, 71.2616, 54.2081



58.9805, 71.2616, 68.4425



64.4571, 71.2616, 106.8859

Rectangle

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



77.3090, 71.2616, 87.5221



76.5241, 71.2616, 64.4495



58.9805, 71.2616, 68.4425



59.6405, 71.2616, 92.4092

Sweetspot

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



77.3111, 71.2648, 87.5236



90.3061, 91.8090, 103.3211



70.9377, 67.6650, 101.4184



19.1915, 19.4138, 21.9506



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.



77.3111, 71.2648, 87.5236



77.0224, 69.1597, 86.8139



74.2809, 70.0527, 71.5672



17.6819, 17.4001, 20.1805



23.9045, 11.9775, 16.7375



2.2663, 1.1303, 1.8258

Inverse Universe

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



77.3111, 71.2648, 87.5236



77.0224, 69.1597, 86.8139



77.4106, 89.6343, 101.6234



17.6819, 17.4001, 20.1805



23.9045, 11.9775, 16.7375



2.2663, 1.1303, 1.8258

Previews

White Background



This preview shows how the XYZ color 77.3090, 71.2616, 87.5221 looks on a white background.

Color Contrast Check

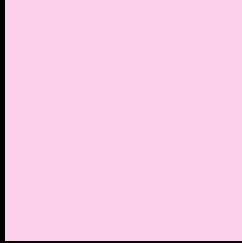
Large Text (above 18pt) WCAG AA × Fail

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 77.3090, 71.2616, 87.5221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

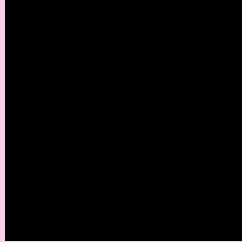
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3090, 71.2616, 87.5221

Background



This preview shows how black text looks on a background with the XYZ color 77.3090, 71.2616, 87.5221.



This preview shows how white text looks on a background with the XYZ color 77.3090, 71.2616,

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

77.3090, 71.2616, 87.5221

Protanopia

69.8620, 71.3991, 93.3184

Deuteranopia

72.7632, 71.1339, 86.9860



Tritanopia

76.1747, 71.5464, 81.0292

Trichromacy



Original Color

77.3090, 71.2616, 87.5221

Protanomaly

72.1123, 71.0892, 90.8098

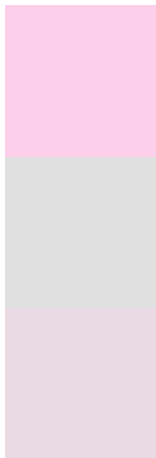
Deuteranomaly

74.2779, 71.1725, 86.9136

Tritanomaly

76.3431, 71.2224, 83.1224

Monochromacy



Original Color

77.3090, 71.2616, 87.5221

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.0067, 73.2367, 83.6870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3090, 71.2616, 87.5221 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, 207, 234)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 207, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 207, 234) }
```

Border

The CSS property to change the border of an element to XYZ 77.3090, 71.2616, 87.5221 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, 207, 234) }
```


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

```
.border{ border-color:rgb(252, 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(252, 207, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 207, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 207, 234);  
box-shadow:4px 4px 4px 4px rgb(252, 207,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3090, 71.2616, 87.5221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 207, 234) }
```

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

```
.background{ background-color: rgb(252,  
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](#).

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