

Converting Colors

$Y_{xy}(71.2972, 0.3152, 0.2917)$

Have a look what the booklet for
Yxy(71.2972, 0.3152, 0.2917)
contains.

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Color

Yxy(71.2972, 0.3152, 0.2917)

Conversions

Conversions Part 1

Format	Color
Hex	F6D0F5
RGB	246, 208, 245
RGB Percent	96%, 82%, 96%
CMY	0.0353, 0.1843, 0.0392
CMYK	0.00, 0.15, 0.00, 0.04
HSL	302°, 68%, 89%
HSV	302°, 15%, 96%
XYZ	77.0411, 71.2972, 96.0813
YIQ	223.5800, 10.7710, 19.5630

Conversions

Conversions Part 2

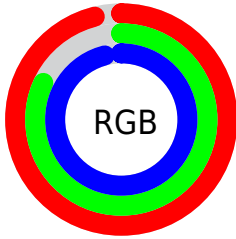
Format	Color
R _Y B	246, 208, 245
Decimal	16175349
CIE _{Lab}	87.63, 19.51, -13.16
CIE _{LCh}	88, 23.538, 326.001
Y _{xy}	71.2972, 0.3152, 0.2917
Android (android.graphics.Color)	4294365429 (0xFFFF6D0F5)
YUV	223.5800, 10.5601, 19.6623
Hunter-Lab	84.4377, 15.0978, -8.3595

Details

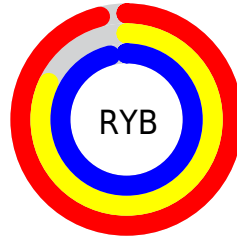
The Yxy color **71.2972, 0.3152, 0.2917** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **83.9244, 0.3102, 0.3694**, and the grayscale version is **74.1452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2754, 0.3149, 0.2824** is the 20% darker color. If you saturate the color by 10%, you get **60.1807, 0.3169, 0.2671**, and if you desaturate by 10%, it is **84.2803, 0.3136, 0.3161**.

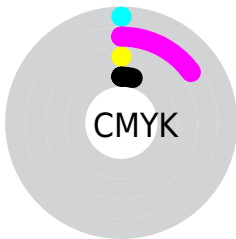
Distribution



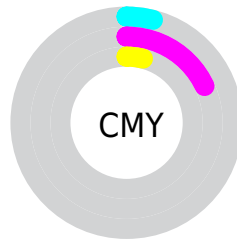
- Red (96%)
- Green (82%)
- Blue (96%)



- Red (96%)
- Yellow (82%)
- Blue (96%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2972, 0.3152, 0.2917 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 Yxy color 71.2972, 0.3152, 0.2917 by changing the saturation by 10% instead.

 71.2972, 0.3152,
0.2917

 71.2972, 0.3152,
0.2917

465.0917, 0.3143,
0.3085

 52.5848, 0.3154,
0.2880

121.0568, 0.3149,
0.2974

 37.4714, 0.3155,
0.2834


152.8728, 0.3148,
0.2997

 25.5727, 0.3157,
0.2777


189.8254, 0.3147,
0.3017

 16.5042, 0.3159,
0.2704

232.2990, 0.3146,
0.3034

 9.8817, 0.3160,
0.2607

280.6781, 0.3145,
0.3049

 5.3206, 0.3160,
0.2473

335.3469, 0.3144,

 2.4366, 0.3156,

0.3062

0.2273

396.6900, 0.3143,
0.3074

0.8446, 0.3135,
0.1948

0.0000, 0.2634,
0.0000

71.2972, 0.3152,
0.2917

71.2972, 0.3152,
0.2917

60.1807, 0.3169,
0.2671

84.2803, 0.3136,
0.3161

50.8361, 0.3187,
0.2431


97.7839, 0.3121,
0.3375

43.1742, 0.3205,
0.2205

97.8239, 0.3118,
0.3368


37.0947, 0.3222,
0.2005


97.8641, 0.3114,
0.3362

 32.4864, 0.3238,
0.1838


 97.9044, 0.3110,
0.3356

 29.2238, 0.3252,
0.1711


 97.9448, 0.3106,
0.3349

 27.1605, 0.3264,
0.1629

 97.9854, 0.3103,
0.3343

 26.1158, 0.3274,
0.1588

 98.0261, 0.3099,
0.3337

 25.8540, 0.3277,
0.1579

 98.0669, 0.3095,
0.3330

Harmonies

Analogous

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



71.2972, 0.2874, 0.2824



71.2972, 0.3152, 0.2917



71.2972, 0.3434, 0.3098

Triad

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



71.2972, 0.3152, 0.2917



71.2972, 0.3593, 0.3739



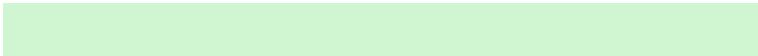
71.2972, 0.2642, 0.3215

Complementary

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



71.2972, 0.3152, 0.2917



83.9244, 0.3102, 0.3694

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.



71.2972, 0.2819, 0.3487



71.2972, 0.3152, 0.2917



71.2972, 0.3366, 0.3799

Square

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



71.2972, 0.3152, 0.2917



71.2972, 0.3695, 0.3563



71.2972, 0.3082, 0.3708



71.2972, 0.2590, 0.2981

Rectangle

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



71.2972, 0.3152, 0.2917



71.2972, 0.3583, 0.3250



71.2972, 0.3082, 0.3708



71.2972, 0.2688, 0.3306

Sweetspot

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



71.3003, 0.3152, 0.2917



92.1115, 0.3135, 0.3171



65.2726, 0.2880, 0.2875



19.4875, 0.3136, 0.3154



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



71.3003, 0.3152, 0.2917



72.8058, 0.3158, 0.2829



70.2194, 0.3283, 0.3101



16.7603, 0.3142, 0.3063



13.8038, 0.3276, 0.1578



1.2156, 0.3267, 0.1573

Inverse Universe

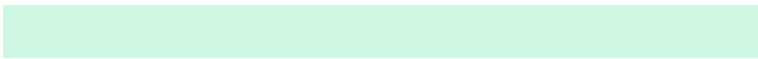
The Inverse Universe completely reimagines the original color for something new.



71.3003, 0.3152, 0.2917



72.8058, 0.3158, 0.2829



84.9016, 0.2995, 0.3487



16.7603, 0.3142, 0.3063



13.8038, 0.3276, 0.1578



1.2156, 0.3267, 0.1573

Previews

White Background



This preview shows how the Yxy color 71.2972, 0.3152, 0.2917 looks on a white background.

Color Contrast Check

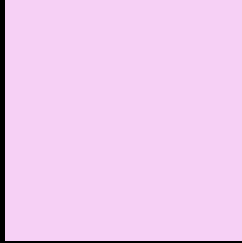
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 71.2972, 0.3152, 0.2917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

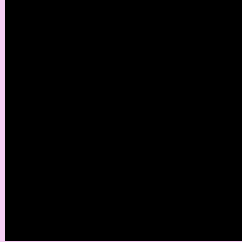
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.2972, 0.3152, 0.2917

Background



This preview shows how black text looks on a background with the Yxy color 71.2972, 0.3152, 0.2917.



This preview shows how white text looks on a background with the Yxy color 71.2972, 0.3152, 0.2917.

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

71.2972, 0.3152, 0.2917

Protanopia

71.4672, 0.2884, 0.2929

Deuteranopia

71.4478, 0.3042, 0.2977



Tritanopia

71.2447, 0.3246, 0.3115

Trichromacy



Original Color

71.2972, 0.3152, 0.2917

Protanomaly

71.1014, 0.2982, 0.2924

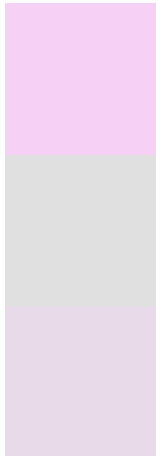
Deuteranomaly

71.4515, 0.3085, 0.2960

Tritanomaly

71.2668, 0.3212, 0.3044

Monochromacy



Original Color

71.2972, 0.3152, 0.2917

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.1248, 0.3134, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2972, 0.3152, 0.2917 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, 208, 245)` looks like.

```
.text, #text, p{  
    color:rgb(246, 208, 245)  
}
```

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, 208, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 208, 245) }
```

Border

The CSS property to change the border of an element to Yxy 71.2972, 0.3152, 0.2917 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, 208, 245) }
```

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

```
.border{ border-color:rgb(246, 208, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 208, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 208, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 208, 245);  
box-shadow:4px 4px 4px 4px rgb(246, 208,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2972, 0.3152, 0.2917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 208, 245) }
```

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

```
.background{ background-color: rgb(246,  
208, 245) }
```

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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