

Converting Colors

$Yxy(42.4339, 0.3699, 0.2776)$

Have a look what the booklet for
Yxy(42.4339, 0.3699, 0.2776)
contains.

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Color

Yxy(42.4762, 0.3700, 0.2776)

Conversions

Conversions Part 1

Format	Color
Hex	F58EBE
RGB	245, 142, 190
RGB Percent	96%, 56%, 75%
CMY	0.0393, 0.4430, 0.2550
CMYK	0.00, 0.42, 0.22, 0.04
HSL	332°, 84%, 76%
HSV	332°, 42%, 96%
XYZ	56.6145, 42.4762, 53.9215
YIQ	178.2690, 45.9800, 36.7640

Conversions

Conversions Part 2

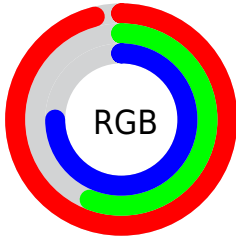
Format	Color
R _Y B	245, 142, 190
Decimal	16092862
CIE Lab	71.20, 44.84, -7.89
CIE LCh	71, 45.530, 350.018
Yxy	42.4762, 0.3700, 0.2776
Android (android.graphics.Color)	4294282942 (0xFFFF58EBE)
YUV	178.2690, 5.7834, 58.5231
Hunter-Lab	65.1738, 41.0036, -3.4319

Details

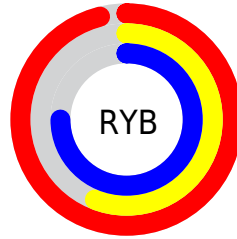
The Yxy color **42.4762, 0.3700, 0.2776** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **75.0722, 0.2786, 0.3881**, and the grayscale version is **44.6233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8463, 0.3218, 0.2805**, and **19.5157, 0.3861, 0.2636** is the 20% darker color. If you saturate the color by 10%, you get **35.4240, 0.3908, 0.2662**, and if you desaturate by 10%, it is **51.1856, 0.3522, 0.2900**.

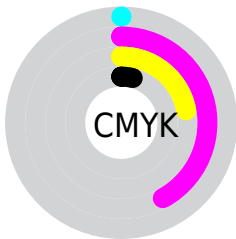
Distribution



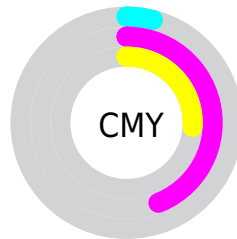
- Red (96%)
- Green (56%)
- Blue (75%)



- Red (96%)
- Yellow (56%)
- Blue (75%)



- Cyan (0%)
- Magenta (42%)
- Yellow (22%)
- Black (4%)



- Cyan (4%)
- Magenta (44%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4762, 0.3700, 0.2776 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 42.4762, 0.3700, 0.2776 by changing the saturation by 10% instead.


 42.4762, 0.3700,
0.2776


 42.4762, 0.3700,
0.2776


356.4532, 0.3414,
0.3027

 29.4744, 0.3771,
0.2715


 78.9198, 0.3596,
0.2866

 19.4399, 0.3862,
0.2638


 103.1304, 0.3558,
0.2900

 11.9886, 0.3982,
0.2538


131.8460, 0.3525,
0.2929

 6.7359, 0.4148,
0.2401

165.4510, 0.3496,
0.2954

 3.2975, 0.4393,
0.2206

204.3298, 0.3472,
0.2976

 1.2890, 0.4786,
0.1906

248.8669, 0.3450,

 0.1326, 0.6071,

0.2995

0.0629

299.4465, 0.3431,
0.3012

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.4762, 0.3700,
0.2776

42.4762, 0.3700,
0.2776

35.4240, 0.3908,
0.2662

51.1856, 0.3522,
0.2900

29.9154, 0.4144,
0.2569

61.6438, 0.3373,
0.3026

25.8322, 0.4403,
0.2510

73.9428, 0.3248,
0.3150

23.0363, 0.4674,
0.2498

88.1665, 0.3146,
0.3267

■ 21.3611, 0.4941,
0.2540

■ 98.1473, 0.3066,
0.3290

■ 20.6251, 0.5144,
0.2607

Harmonies

Analogous

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



42.4762, 0.3028, 0.2441



42.4762, 0.3700, 0.2776



42.4762, 0.4240, 0.3228

Triad

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



42.4762, 0.3700, 0.2776



42.4762, 0.3744, 0.4473



42.4762, 0.1971, 0.2644

Complementary

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



42.4762, 0.3700, 0.2776



75.0722, 0.2786, 0.3881

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.



42.4762, 0.2117, 0.3200



42.4762, 0.3700, 0.2776



42.4762, 0.3114, 0.4389

Square

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



42.4762, 0.3700, 0.2776



42.4762, 0.4236, 0.4188



42.4762, 0.2521, 0.3883



42.4762, 0.2086, 0.2340

Rectangle

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



42.4762, 0.3700, 0.2776



42.4762, 0.4416, 0.3560



42.4762, 0.2521, 0.3883



42.4762, 0.1990, 0.2804

Sweetspot

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



42.4782, 0.3700, 0.2776



79.5545, 0.3260, 0.3138



37.8056, 0.2761, 0.2123



16.3618, 0.3286, 0.3111



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.



42.4782, 0.3700, 0.2776



40.1518, 0.3866, 0.2683



41.7521, 0.4206, 0.3331



16.6110, 0.3220, 0.3180



11.1415, 0.5105, 0.2586



0.9998, 0.4806, 0.2421

Inverse Universe

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



42.4782, 0.3700, 0.2776



40.1518, 0.3866, 0.2683



75.5744, 0.2547, 0.3248



16.6110, 0.3220, 0.3180



11.1415, 0.5105, 0.2586



0.9998, 0.4806, 0.2421

Previews

White Background



This preview shows how the Yxy color 42.4762, 0.3700, 0.2776 looks on a white background.

Color Contrast Check

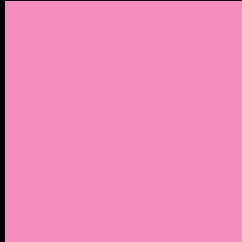
Large Text (above 18pt) WCAG AA × Fail

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 42.4762, 0.3700, 0.2776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

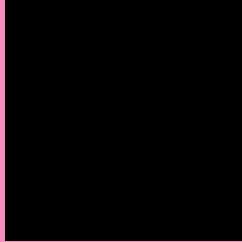
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4762, 0.3700, 0.2776

Background



This preview shows how black text looks on a background with the Yxy color 42.4762, 0.3700, 0.2776.



This preview shows how white text looks on a background with the Yxy color 42.4762, 0.3700, 0.2776.

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

42.4762, 0.3700, 0.2776

Protanopia

42.7558, 0.2792, 0.2808

Deuteranopia

42.8170, 0.3154, 0.3096



Tritanopia

42.5603, 0.3983, 0.3171

Trichromacy



Original Color

42.4762, 0.3700, 0.2776



Protanomaly

41.7546, 0.3079, 0.2782



Deuteranomaly

42.1394, 0.3341, 0.2961



Tritanomaly

42.5147, 0.3882, 0.3029

Monochromacy



Original Color

42.4762, 0.3700, 0.2776



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

42.8442, 0.3323, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4762, 0.3700, 0.2776 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(245, 142, 190)` looks like.

```
.text, #text, p{  
    color:rgb(245, 142, 190)  
}
```

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(245, 142, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 142, 190) }
```

Border

The CSS property to change the border of an element to Yxy 42.4762, 0.3700, 0.2776 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(245, 142, 190) }
```

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

```
.border{ border-color:rgb(245, 142, 190) }
```

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

Here you see how a box with a 4 pixel rgb(245, 142, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 142, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 142, 190);  
box-shadow:4px 4px 4px 4px rgb(245, 142,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4762, 0.3700, 0.2776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 142, 190) }
```

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

```
.background{ background-color: rgb(245,  
142, 190) }
```

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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