

Converting Colors

$Y_{xy}(42.1875, 0.3700, 0.2775)$

Have a look what the booklet for
Yxy(42.1875, 0.3700, 0.2775)
contains.

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Color

Yxy(42.2532, 0.3701, 0.2784)

Conversions

Conversions Part 1

Format	Color
Hex	F48EBD
RGB	244, 142, 189
RGB Percent	96%, 56%, 74%
CMY	0.0431, 0.4431, 0.2588
CMYK	0.00, 0.42, 0.23, 0.04
HSL	332°, 82%, 76%
HSV	332°, 42%, 96%
XYZ	56.1707, 42.2532, 53.3477
YIQ	177.8560, 45.7050, 36.2410

Conversions

Conversions Part 2

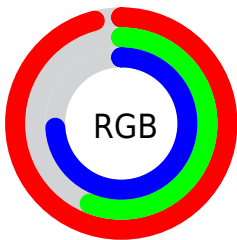
Format	Color
R_{YB}	244, 142, 189
Decimal	16027325
CIE _{Lab}	71.05, 44.40, -7.59
CIE _{LCh}	71, 45.042, 350.296
Yxy	42.2532, 0.3701, 0.2784
Android (android.graphics.Color)	4294217405 (0xFFFF48EBD)
YUV	177.8560, 5.4940, 58.0083
Hunter-Lab	65.0025, 40.4931, -3.1577

Details

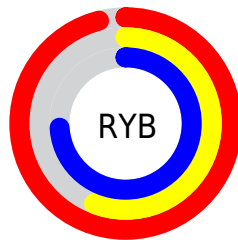
The Yxy color $42.2532, 0.3701, 0.2784$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $74.4898, 0.2784, 0.3871$, and the grayscale version is $44.3943, 0.3127, 0.3290$.

A 20% lighter version of the original color is $67.7851, 0.3226, 0.2814$, and $19.3614, 0.3863, 0.2646$ is the 20% darker color. If you saturate the color by 10%, you get $35.2262, 0.3910, 0.2671$, and if you desaturate by 10%, it is $50.9251, 0.3522, 0.2907$.

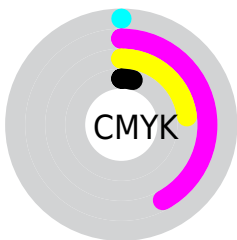
Distribution



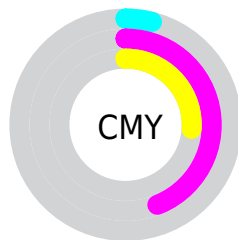
- Red (96%)
- Green (56%)
- Blue (74%)



- Red (96%)
- Yellow (56%)
- Blue (74%)



- Cyan (0%)
- Magenta (42%)
- Yellow (23%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2532, 0.3701, 0.2784 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 42.2532, 0.3701, 0.2784 by changing the saturation by 10% instead.

 42.2532, 0.3701,
0.2784

 42.2532, 0.3701,
0.2784

355.5315, 0.3414,
0.3032

 29.2996, 0.3772,
0.2724


 78.5827, 0.3597,
0.2873

 19.3076, 0.3864,
0.2648


 102.7274, 0.3558,
0.2907

 11.8927, 0.3985,
0.2548

131.3712, 0.3525,
0.2935

 6.6707, 0.4153,
0.2412

164.8986, 0.3497,
0.2960

 3.2570, 0.4400,
0.2218

203.6939, 0.3472,
0.2981

 1.2673, 0.4799,
0.1918

248.1416, 0.3450,

 0.1157, 0.6171,

0.3000

0.0573

298.6260, 0.3431,
0.3017

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.2532, 0.3701,
0.2784

42.2532, 0.3701,
0.2784

35.2262, 0.3910,
0.2671

50.9251, 0.3522,
0.2907

29.7320, 0.4148,
0.2579

61.3325, 0.3372,
0.3032

25.6537, 0.4410,
0.2520

73.5666, 0.3247,
0.3154

22.8548, 0.4684,
0.2507

87.7102, 0.3144,
0.3270

■ 21.1713, 0.4955,
0.2549

■ 97.9616, 0.3061,
0.3292

■ 20.4154, 0.5164,
0.2619

■ 97.9752, 0.3060,
0.3290

Harmonies

Analogous

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



42.2532, 0.3035, 0.2450



42.2532, 0.3701, 0.2784



42.2532, 0.4234, 0.3234

Triad

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



42.2532, 0.3701, 0.2784



42.2532, 0.3734, 0.4463



42.2532, 0.1980, 0.2646

Complementary

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



42.2532, 0.3701, 0.2784



74.4898, 0.2784, 0.3871

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.



42.2532, 0.2122, 0.3195



42.2532, 0.3701, 0.2784



42.2532, 0.3109, 0.4375

Square

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



42.2532, 0.3701, 0.2784



42.2532, 0.4224, 0.4185



42.2532, 0.2522, 0.3871



42.2532, 0.2097, 0.2346

Rectangle

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



42.2532, 0.3701, 0.2784



42.2532, 0.4405, 0.3564



42.2532, 0.2522, 0.3871



42.2532, 0.1998, 0.2804

Sweetspot

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



42.2552, 0.3701, 0.2784



79.5449, 0.3261, 0.3139



37.6678, 0.2764, 0.2130



16.3594, 0.3287, 0.3113



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.



42.2552, 0.3701, 0.2784



40.1247, 0.3873, 0.2689



41.5607, 0.4197, 0.3330



16.6096, 0.3221, 0.3181



11.1265, 0.5126, 0.2597



0.9984, 0.4824, 0.2431

Inverse Universe

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



42.2552, 0.3701, 0.2784



40.1247, 0.3873, 0.2689



74.9635, 0.2549, 0.3249



16.6096, 0.3221, 0.3181



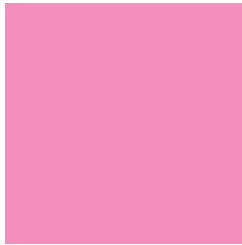
11.1265, 0.5126, 0.2597



0.9984, 0.4824, 0.2431

Previews

White Background



This preview shows how the Yxy color 42.2532, 0.3701, 0.2784 looks on a white background.

Color Contrast Check

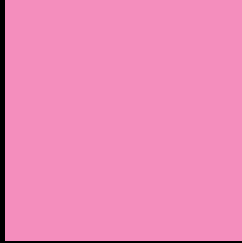
Large Text (above 18pt) WCAG AA × Fail

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 42.2532, 0.3701, 0.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

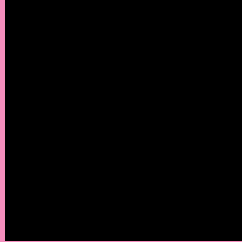
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2532, 0.3701, 0.2784

Background



This preview shows how black text looks on a background with the Yxy color 42.2532, 0.3701, 0.2784.



This preview shows how white text looks on a background with the Yxy color 42.2532, 0.3701, 0.2784.

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

42.2532, 0.3701, 0.2784

Protanopia

42.7061, 0.2799, 0.2820

Deuteranopia

42.4014, 0.3163, 0.3095



Tritanopia

42.3838, 0.3974, 0.3170

Trichromacy



Original Color

42.2532, 0.3701, 0.2784



Protanomaly

41.7070, 0.3087, 0.2794



Deuteranomaly

41.7513, 0.3352, 0.2960



Tritanomaly

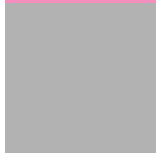
42.3373, 0.3873, 0.3028

Monochromacy



Original Color

42.2532, 0.3701, 0.2784



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 42.2532, 0.3701, 0.2784 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(244, 142, 189)` looks like.

```
.text, #text, p{  
  color:rgb(244, 142, 189)  
}
```

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(244, 142, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 142, 189) }
```

Border

The CSS property to change the border of an element to Yxy 42.2532, 0.3701, 0.2784 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(244, 142, 189) }
```

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

```
.border{ border-color:rgb(244, 142, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 142, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 142, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 142, 189);  
box-shadow:4px 4px 4px 4px rgb(244, 142,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2532, 0.3701, 0.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 142, 189) }
```

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

```
.background{ background-color: rgb(244,  
142, 189) }
```

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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