

Converting Colors

$Y_{xy}(48.7539, 0.3700, 0.2985)$

Have a look what the booklet for
Yxy(48.7539, 0.3700, 0.2985)
contains.

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Color

Yxy(48.7722, 0.3696, 0.2981)

Conversions

Conversions Part 1

Format	Color
Hex	F8A0BD
RGB	248, 160, 189
RGB Percent	97%, 63%, 74%
CMY	0.0274, 0.3725, 0.2588
CMYK	0.00, 0.35, 0.24, 0.03
HSL	340°, 86%, 80%
HSV	340°, 35%, 97%
XYZ	60.4703, 48.7722, 54.3677
YIQ	189.6180, 43.1390, 27.6750

Conversions

Conversions Part 2

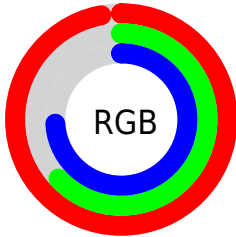
Format	Color
R _Y B	248, 160, 189
Decimal	16294077
CIE Lab	75.31, 36.46, -1.24
CIE LCh	75, 36.482, 358.055
Yxy	48.7722, 0.3696, 0.2981
Android (android.graphics.Color)	4294484157 (0xFFF8A0BD)
YUV	189.6180, -0.3047, 51.2010
Hunter-Lab	69.8371, 32.3441, 2.7291

Details

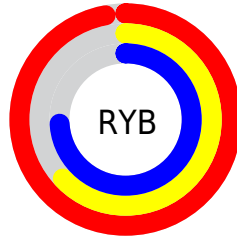
The Yxy color **48.7722, 0.3696, 0.2981** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **79.7319, 0.2769, 0.3627**, and the grayscale version is **51.2460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9643, 0.3212, 0.3005**, and **23.2401, 0.3851, 0.2893** is the 20% darker color. If you saturate the color by 10%, you get **40.3350, 0.3940, 0.2895**, and if you desaturate by 10%, it is **59.0119, 0.3493, 0.3071**.

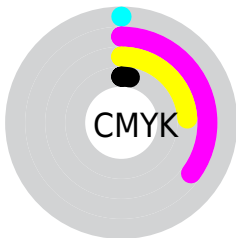
Distribution



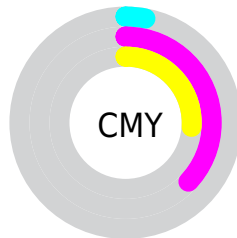
- Red (97%)
- Green (63%)
- Blue (74%)



- Red (97%)
- Yellow (63%)
- Blue (74%)



- Cyan (0%)
- Magenta (35%)
- Yellow (24%)
- Black (3%)



- Cyan (3%)
- Magenta (37%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7722, 0.3696, 0.2981 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 48.7722, 0.3696, 0.2981 by changing the saturation by 10% instead.

 48.7722, 0.3696,
0.2981


 48.7722, 0.3696,
0.2981


381.8448, 0.3415,
0.3133

 34.4388, 0.3765,
0.2944


 88.3530, 0.3594,
0.3036

 23.2309, 0.3854,
0.2896


 114.3693, 0.3556,
0.3056

 14.7641, 0.3970,
0.2834


145.0485, 0.3524,
0.3074

 8.6540, 0.4130,
0.2749

180.7753, 0.3496,
0.3089

 4.5162, 0.4364,
0.2626

221.9339, 0.3471,
0.3102

 1.9663, 0.4735,
0.2431

268.9088, 0.3450,

 0.5878, 0.5500,

0.3114

322.0843, 0.3431,
0.3124

0.2013

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.7722, 0.3696,
0.2981

48.7722, 0.3696,
0.2981

40.3350, 0.3940,
0.2895

59.0119, 0.3493,
0.3071

33.5880, 0.4226,
0.2821

71.1439, 0.3327,
0.3161

28.4173, 0.4550,
0.2770

85.2603, 0.3191,
0.3246

24.6914, 0.4900,
0.2755

98.6988, 0.3084,
0.3290

■ 22.2575, 0.5251,
0.2787

■ 20.9274, 0.5571,
0.2868

■ 20.5636, 0.5701,
0.2914

Harmonies

Analogous

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



48.7722, 0.3195, 0.2679



48.7722, 0.3696, 0.2981



48.7722, 0.4047, 0.3363

Triad

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



48.7722, 0.3696, 0.2981



48.7722, 0.3494, 0.4202



48.7722, 0.2219, 0.2715

Complementary

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



48.7722, 0.3696, 0.2981



79.7319, 0.2769, 0.3627

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.



48.7722, 0.2284, 0.3105



48.7722, 0.3696, 0.2981



48.7722, 0.2999, 0.4034

Square

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



48.7722, 0.3696, 0.2981



48.7722, 0.3911, 0.4076



48.7722, 0.2560, 0.3606



48.7722, 0.2368, 0.2515

Rectangle

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



48.7722, 0.3696, 0.2981



48.7722, 0.4131, 0.3629



48.7722, 0.2560, 0.3606



48.7722, 0.2217, 0.2826

Sweetspot

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



48.7745, 0.3696, 0.2981



82.2380, 0.3262, 0.3199



46.9297, 0.2927, 0.2342



17.1730, 0.3281, 0.3188



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.



48.7745, 0.3696, 0.2981



44.9736, 0.3877, 0.2915



53.0282, 0.3926, 0.3451



17.3195, 0.3242, 0.3212



11.1301, 0.5659, 0.2891



1.0495, 0.5325, 0.2707

Inverse Universe

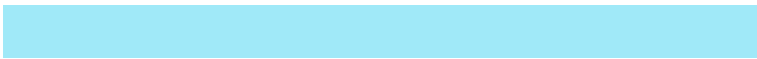
The Inverse Universe completely reimagines the original color for something new.



48.7745, 0.3696, 0.2981



44.9736, 0.3877, 0.2915



72.7247, 0.2604, 0.3120



17.3195, 0.3242, 0.3212



11.1301, 0.5659, 0.2891



1.0495, 0.5325, 0.2707

Previews

White Background



This preview shows how the Yxy color 48.7722, 0.3696, 0.2981 looks on a white background.

Color Contrast Check

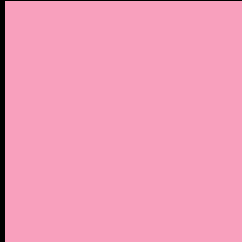
Large Text (above 18pt) WCAG AA × Fail

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 48.7722, 0.3696, 0.2981 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 48.7722, 0.3696, 0.2981

Background



This preview shows how black text looks on a background with the Yxy color 48.7722, 0.3696, 0.2981.



This preview shows how white text looks on a background with the Yxy color 48.7722, 0.3696, 0.2981.

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

48.7722, 0.3696, 0.2981

Protanopia

49.2479, 0.2976, 0.3052

Deuteranopia

48.9827, 0.3295, 0.3229



Tritanopia

48.7100, 0.3818, 0.3151

Trichromacy



Original Color

48.7722, 0.3696, 0.2981



Protanomaly

48.4396, 0.3209, 0.3015



Deuteranomaly

48.6480, 0.3440, 0.3139



Tritanomaly

48.5592, 0.3772, 0.3087

Monochromacy



Original Color

48.7722, 0.3696, 0.2981



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

49.8068, 0.3316, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7722, 0.3696, 0.2981 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(248, 160, 189)` looks like.

```
.text, #text, p{  
    color:rgb(248, 160, 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(248, 160, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 160, 189) }
```

Border

The CSS property to change the border of an element to Yxy 48.7722, 0.3696, 0.2981 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(248, 160, 189) }
```

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

```
.border{ border-color:rgb(248, 160, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 160, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 160, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 160, 189);  
box-shadow:4px 4px 4px 4px rgb(248, 160,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7722, 0.3696, 0.2981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 160, 189) }
```

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

```
.background{ background-color: rgb(248,  
160, 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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