

Converting Colors

$Y_{xy}(45.7078, 0.3484, 0.2615)$

Have a look what the booklet for
Yxy(45.7078, 0.3484, 0.2615)
contains.

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Color

Yxy(45.7074, 0.3487, 0.2620)

Conversions

Conversions Part 1

Format	Color
Hex	F794D4
RGB	247, 148, 212
RGB Percent	97%, 58%, 83%
CMY	0.0314, 0.4196, 0.1686
CMYK	0.00, 0.40, 0.14, 0.03
HSL	321°, 86%, 77%
HSV	321°, 40%, 97%
XYZ	60.8327, 45.7074, 67.9156
YIQ	184.8970, 38.4600, 40.8920

Conversions

Conversions Part 2

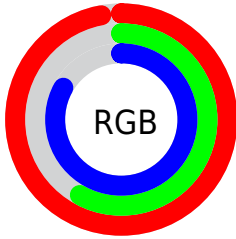
Format	Color
R _Y B	247, 148, 212
Decimal	16225492
CIE Lab	73.36, 45.74, -16.82
CIE LCh	73, 48.737, 339.808
Yxy	45.7074, 0.3487, 0.2620
Android (android.graphics.Color)	4294415572 (0xFFFF794D4)
YUV	184.8970, 13.3618, 54.4643
Hunter-Lab	67.6072, 42.3008, -12.2354

Details

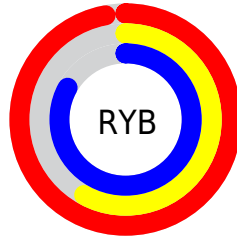
The Yxy color $45.7074, 0.3487, 0.2620$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $76.2355, 0.2890, 0.4079$, and the grayscale version is $48.3655, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.6657, 0.3151, 0.2792$, and $21.4376, 0.3582, 0.2464$ is the 20% darker color. If you saturate the color by 10%, you get $38.3412, 0.3614, 0.2462$, and if you desaturate by 10%, it is $54.7547, 0.3375, 0.2789$.

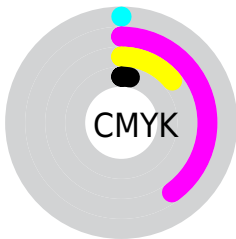
Distribution



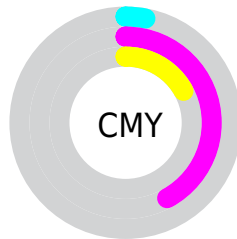
- Red (97%)
- Green (58%)
- Blue (83%)



- Red (97%)
- Yellow (58%)
- Blue (83%)



- Cyan (0%)
- Magenta (40%)
- Yellow (14%)
- Black (3%)




- Cyan (3%)
- Magenta (42%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7074, 0.3487, 0.2620 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 45.7074, 0.3487, 0.2620 by changing the saturation by 10% instead.

 45.7074, 0.3487,
0.2620


 45.7074, 0.3487,
0.2620


369.6310, 0.3316,
0.2936

 32.0150, 0.3527,
0.2547


 83.7809, 0.3427,
0.2731

 21.3729, 0.3577,
0.2455


 108.9308, 0.3404,
0.2774

 13.3969, 0.3641,
0.2339


138.6687, 0.3384,
0.2810

 7.7024, 0.3726,
0.2186

173.3789, 0.3367,
0.2842

 3.9051, 0.3843,
0.1976

213.4458, 0.3352,
0.2870

 1.6206, 0.4015,
0.1674

259.2539, 0.3338,

 0.3714, 0.4392,

0.2895

0.0995

311.1875, 0.3327,
0.2917

■ 0.0000, 0.5267,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 45.7074, 0.3487,
0.2620

■ 45.7074, 0.3487,
0.2620

■ 38.3412, 0.3614,
0.2462

■ 54.7547, 0.3375,
0.2789

■ 32.5433, 0.3756,
0.2324

■ 65.5739, 0.3279,
0.2960

■ 28.1970, 0.3908,
0.2220

■ 78.2567, 0.3197,
0.3128

■ 25.1664, 0.4067,
0.2159

■ 92.8866, 0.3128,
0.3289

■ 23.2896, 0.4225,
0.2148

■ 98.5140, 0.3078,
0.3290

■ 22.3023, 0.4378,
0.2185

Harmonies

Analogous

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



45.7074, 0.2798, 0.2330



45.7074, 0.3487, 0.2620



45.7074, 0.4130, 0.3054

Triad

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



45.7074, 0.3487, 0.2620



45.7074, 0.3965, 0.4454



45.7074, 0.1947, 0.2783

Complementary

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



45.7074, 0.3487, 0.2620



76.2355, 0.2890, 0.4079

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.



45.7074, 0.2189, 0.3434



45.7074, 0.3487, 0.2620



45.7074, 0.3338, 0.4525

Square

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



45.7074, 0.3487, 0.2620



45.7074, 0.4394, 0.4067



45.7074, 0.2688, 0.4132



45.7074, 0.1976, 0.2377

Rectangle

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



45.7074, 0.3487, 0.2620



45.7074, 0.4403, 0.3389



45.7074, 0.2688, 0.4132



45.7074, 0.1997, 0.2978

Sweetspot

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



45.7095, 0.3487, 0.2620



81.3296, 0.3212, 0.3096



37.9211, 0.2637, 0.2135



17.0122, 0.3222, 0.3074



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.



45.7095, 0.3487, 0.2620



42.6666, 0.3588, 0.2492



43.5942, 0.3990, 0.3132



16.6630, 0.3192, 0.3138



11.8231, 0.4353, 0.2172



1.0586, 0.4172, 0.2072

Inverse Universe

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



45.7095, 0.3487, 0.2620



42.6666, 0.3588, 0.2492



78.6520, 0.2644, 0.3462



16.6630, 0.3192, 0.3138



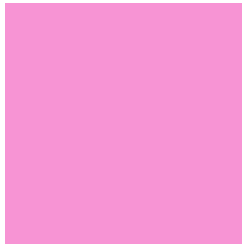
11.8231, 0.4353, 0.2172



1.0586, 0.4172, 0.2072

Previews

White Background



This preview shows how the Yxy color 45.7074, 0.3487, 0.2620 looks on a white background.

Color Contrast Check

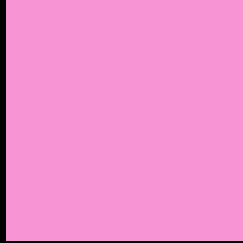
Large Text (above 18pt) WCAG AA × Fail

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 45.7074, 0.3487, 0.2620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

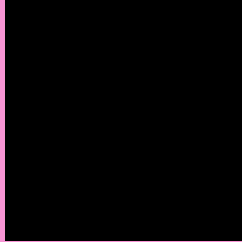
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.7074, 0.3487, 0.2620

Background



This preview shows how black text looks on a background with the Yxy color 45.7074, 0.3487, 0.2620.

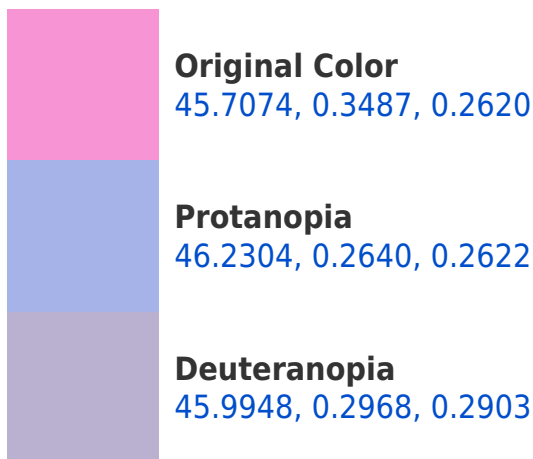


This preview shows how white text looks on a background with the Yxy color 45.7074, 0.3487, 0.2620.

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





Tritanopia

45.8183, 0.3857, 0.3171

Trichromacy



Original Color

45.7074, 0.3487, 0.2620



Protanomaly

45.0436, 0.2905, 0.2612



Deuteranomaly

45.2858, 0.3142, 0.2782



Tritanomaly

45.8050, 0.3723, 0.2965

Monochromacy



Original Color

45.7074, 0.3487, 0.2620



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

46.8551, 0.3255, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7074, 0.3487, 0.2620 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(247, 148, 212)` looks like.

```
.text, #text, p{  
    color:rgb(247, 148, 212)  
}
```

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(247, 148, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 148, 212) }
```

Border

The CSS property to change the border of an element to Yxy 45.7074, 0.3487, 0.2620 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(247, 148, 212) }
```

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

```
.border{ border-color:rgb(247, 148, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 148, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 148, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 148, 212);  
box-shadow:4px 4px 4px 4px rgb(247, 148,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7074, 0.3487, 0.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 148, 212) }
```

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

```
.background{ background-color: rgb(247,  
148, 212) }
```

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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