

Converting Colors

$Y_{xy}(47.7768, 0.3763, 0.3055)$

Have a look what the booklet for
Yxy(47.7768, 0.3763, 0.3055)
contains.

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Color

Yxy(47.7253, 0.3758, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	F69FB5
RGB	246, 159, 181
RGB Percent	96%, 62%, 71%
CMY	0.0353, 0.3765, 0.2900
CMYK	0.00, 0.35, 0.26, 0.04
HSL	345°, 83%, 79%
HSV	345°, 35%, 96%
XYZ	58.7460, 47.7253, 49.8513
YIQ	187.5210, 44.7900, 25.2860

Conversions

Conversions Part 2

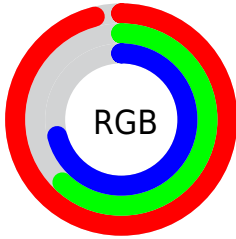
Format	Color
R _Y B	246, 159, 181
Decimal	16162741
CIE Lab	74.65, 35.17, 2.15
CIE LCh	75, 35.236, 3.495
Yxy	47.7253, 0.3758, 0.3053
Android (android.graphics.Color)	4294352821 (0xFFFF69FB5)
YUV	187.5210, -3.2149, 51.2861
Hunter-Lab	69.0835, 30.8937, 5.5742

Details

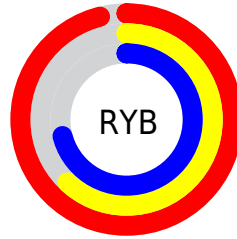
The Yxy color **47.7253, 0.3758, 0.3053** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.6592, 0.2736, 0.3546**, and the grayscale version is **50.0056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9753, 0.3268, 0.3072**, and **22.5579, 0.3943, 0.2986** is the 20% darker color. If you saturate the color by 10%, you get **39.3868, 0.4032, 0.2987**, and if you desaturate by 10%, it is **57.8511, 0.3531, 0.3123**.

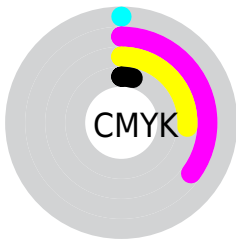
Distribution



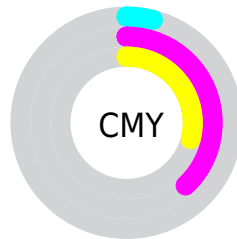
- Red (96%)
- Green (62%)
- Blue (71%)



- Red (96%)
- Yellow (62%)
- Blue (71%)



- Cyan (0%)
- Magenta (35%)
- Yellow (26%)
- Black (4%)



- Cyan (4%)
- Magenta (38%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7253, 0.3758, 0.3053 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 47.7253, 0.3758, 0.3053 by changing the saturation by 10% instead.

 47.7253, 0.3758,
0.3053


 47.7253, 0.3758,
0.3053

377.7022, 0.3443,
0.3173

 33.6094, 0.3836,
0.3023


 86.7953, 0.3644,
0.3097

 22.5937, 0.3936,
0.2984


 112.5181, 0.3601,
0.3113

 14.2938, 0.4069,
0.2932


142.8787, 0.3565,
0.3127

 8.3253, 0.4253,
0.2859

178.2615, 0.3533,
0.3139

 4.3038, 0.4524,
0.2749

219.0509, 0.3506,
0.3149

 1.8449, 0.4959,
0.2570

265.6312, 0.3483,

 0.5149, 0.6114,

0.3158

0.2162

318.3868, 0.3462,
0.3166

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.7253, 0.3758,
0.3053

47.7253, 0.3758,
0.3053

39.3868, 0.4032,
0.2987

57.8511, 0.3531,
0.3123

32.7247, 0.4356,
0.2932

69.8533, 0.3346,
0.3191

27.6260, 0.4724,
0.2898

83.8229, 0.3196,
0.3257

23.9609, 0.5116,
0.2895

98.3005, 0.3075,
0.3295

■ 21.5785, 0.5499,
0.2934

■ 98.3318, 0.3072,
0.3290

■ 20.2933, 0.5831,
0.3014

■ 19.9429, 0.5961,
0.3058

Harmonies

Analogous

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



47.7253, 0.3286, 0.2739



47.7253, 0.3758, 0.3053



47.7253, 0.4057, 0.3434

Triad

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



47.7253, 0.3758, 0.3053



47.7253, 0.3400, 0.4169



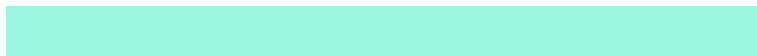
47.7253, 0.2253, 0.2681

Complementary

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



47.7253, 0.3758, 0.3053



78.6592, 0.2736, 0.3546

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.



47.7253, 0.2278, 0.3031



47.7253, 0.3758, 0.3053



47.7253, 0.2918, 0.3952

Square

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



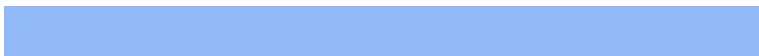
47.7253, 0.3758, 0.3053



47.7253, 0.3829, 0.4096



47.7253, 0.2513, 0.3508



47.7253, 0.2435, 0.2520

Rectangle

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



47.7253, 0.3758, 0.3053



47.7253, 0.4103, 0.3691



47.7253, 0.2513, 0.3508



47.7253, 0.2238, 0.2778

Sweetspot

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



47.7276, 0.3758, 0.3053



82.1145, 0.3277, 0.3220



47.1073, 0.2975, 0.2359



17.1437, 0.3298, 0.3211



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.



47.7276, 0.3758, 0.3053



45.5046, 0.3937, 0.3008



54.4568, 0.3899, 0.3513



16.5514, 0.3254, 0.3230



10.6643, 0.5921, 0.3035



0.9532, 0.5571, 0.2843

Inverse Universe

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



47.7276, 0.3758, 0.3053



45.5046, 0.3937, 0.3008



68.2529, 0.2596, 0.3052



16.5514, 0.3254, 0.3230



10.6643, 0.5921, 0.3035



0.9532, 0.5571, 0.2843

Previews

White Background



This preview shows how the Yxy color 47.7253, 0.3758, 0.3053 looks on a white background.

Color Contrast Check

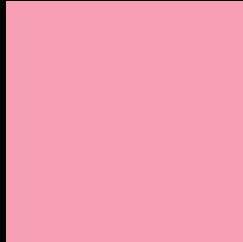
Large Text (above 18pt) WCAG AA × Fail

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 47.7253, 0.3758, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

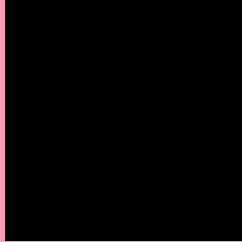
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7253, 0.3758, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 47.7253, 0.3758, 0.3053.



This preview shows how white text looks on a background with the Yxy color 47.7253, 0.3758, 0.3053.

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

47.7253, 0.3758, 0.3053

Protanopia

47.9975, 0.3043, 0.3137

Deuteranopia

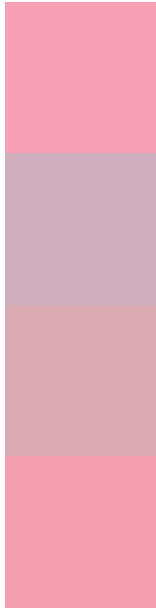
47.8925, 0.3357, 0.3291



Tritanopia

47.5712, 0.3825, 0.3150

Trichromacy



Original Color

47.7253, 0.3758, 0.3053

Protanomaly

47.2552, 0.3287, 0.3096

Deuteranomaly

47.4406, 0.3498, 0.3196

Tritanomaly

47.6887, 0.3796, 0.3117

Monochromacy



Original Color

47.7253, 0.3758, 0.3053

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

48.5024, 0.3343, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7253, 0.3758, 0.3053 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, 159, 181)` looks like.

```
.text, #text, p{  
    color:rgb(246, 159, 181)  
}
```

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, 159, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 159, 181) }
```

Border

The CSS property to change the border of an element to Yxy 47.7253, 0.3758, 0.3053 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, 159, 181) }
```

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

```
.border{ border-color:rgb(246, 159, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 159, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 159, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 159, 181);  
box-shadow:4px 4px 4px 4px rgb(246, 159,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7253, 0.3758, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 159, 181) }
```

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

```
.background{ background-color: rgb(246,  
159, 181) }
```

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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