

Converting Colors

$Y_{xy}(49.0145, 0.3564, 0.2760)$

Have a look what the booklet for
Yxy(49.0145, 0.3564, 0.2760)
contains.

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Color

Yxy(48.9774, 0.3568, 0.2760)

Conversions

Conversions Part 1

Format	Color
Hex	FC9CCF
RGB	252, 156, 207
RGB Percent	99%, 61%, 81%
CMY	0.0115, 0.3884, 0.1882
CMYK	0.00, 0.38, 0.18, 0.01
HSL	328°, 94%, 80%
HSV	328°, 38%, 99%
XYZ	63.3157, 48.9774, 65.1612
YIQ	190.5180, 40.8450, 36.2130

Conversions

Conversions Part 2

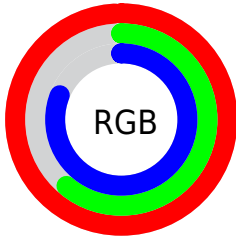
Format	Color
R_{YB}	252, 156, 207
Decimal	16555215
CIE _{Lab}	75.44, 42.55, -10.89
CIE _{LCh}	75, 43.923, 345.644
Yxy	48.9774, 0.3568, 0.2760
Android (android.graphics.Color)	4294745295 (0xFFFC9CCF)
YUV	190.5180, 8.1256, 53.9197
Hunter-Lab	69.9839, 39.0206, -6.2156

Details

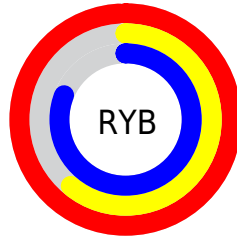
The Yxy color **48.9774, 0.3568, 0.2760** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80.9451, 0.2843, 0.3895**, and the grayscale version is **51.7421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5670, 0.3147, 0.2871**, and **23.4697, 0.3680, 0.2630** is the 20% darker color. If you saturate the color by 10%, you get **40.8256, 0.3738, 0.2625**, and if you desaturate by 10%, it is **58.9321, 0.3423, 0.2902**.

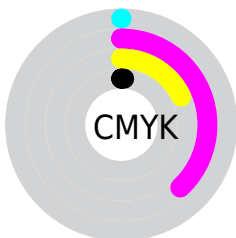
Distribution



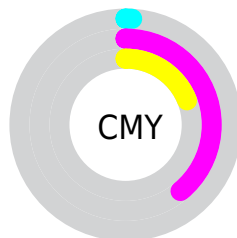
- Red (99%)
- Green (61%)
- Blue (81%)



- Red (99%)
- Yellow (61%)
- Blue (81%)



- Cyan (0%)
- Magenta (38%)
- Yellow (18%)
- Black (1%)



- Cyan (1%)
- Magenta (39%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.9774, 0.3568, 0.2760 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 48.9774, 0.3568, 0.2760 by changing the saturation by 10% instead.


 48.9774, 0.3568,
0.2760


 48.9774, 0.3568,
0.2760

382.6533, 0.3355,
0.3011

 34.6016, 0.3619,
0.2701


 88.6579, 0.3492,
0.2848

 23.3561, 0.3683,
0.2628


 114.7313, 0.3464,
0.2882

 14.8567, 0.3766,
0.2534

145.4727, 0.3439,
0.2912

 8.7189, 0.3878,
0.2409

181.2665, 0.3418,
0.2937

 4.5583, 0.4036,
0.2237

222.4971, 0.3399,
0.2959

 1.9905, 0.4277,
0.1983

269.5488, 0.3383,

 0.6019, 0.4717,

0.2978

0.1519

322.8061, 0.3368,
0.2996

0.0000, 0.7255,
0.0000

0.0000, 0.0000,
0.0000

48.9774, 0.3568,
0.2760

48.9774, 0.3568,
0.2760

40.8256, 0.3738,
0.2625

58.9321, 0.3423,
0.2902

34.3594, 0.3931,
0.2507

70.7836, 0.3300,
0.3045

29.4584, 0.4145,
0.2419

84.6276, 0.3197,
0.3183

25.9833, 0.4372,
0.2373

99.4018, 0.3113,
0.3297

■ 23.7695, 0.4602,
0.2379

99.4480, 0.3109,
0.3290

■ 22.5919, 0.4824,
0.2439

■ 22.4268, 0.4865,
0.2454

Harmonies

Analogous

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



48.9774, 0.2951, 0.2467



48.9774, 0.3568, 0.2760



48.9774, 0.4094, 0.3173

Triad

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



48.9774, 0.3568, 0.2760



48.9774, 0.3781, 0.4359



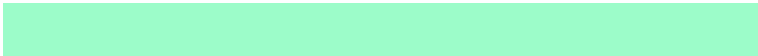
48.9774, 0.2057, 0.2760

Complementary

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



48.9774, 0.3568, 0.2760



80.9451, 0.2843, 0.3895

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.



48.9774, 0.2232, 0.3301



48.9774, 0.3568, 0.2760



48.9774, 0.3208, 0.4330

Square

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



48.9774, 0.3568, 0.2760



48.9774, 0.4201, 0.4073



48.9774, 0.2643, 0.3917



48.9774, 0.2129, 0.2437

Rectangle

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



48.9774, 0.3568, 0.2760



48.9774, 0.4291, 0.3481



48.9774, 0.2643, 0.3917



48.9774, 0.2087, 0.2920

Sweetspot

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



48.9797, 0.3568, 0.2760



82.5727, 0.3225, 0.3144



43.1899, 0.2753, 0.2222



17.2526, 0.3239, 0.3125



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.



48.9797, 0.3568, 0.2760



43.5220, 0.3700, 0.2652



46.9827, 0.4045, 0.3259



17.3794, 0.3210, 0.3165



11.7054, 0.4830, 0.2434



1.1056, 0.4583, 0.2298

Inverse Universe

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



48.9797, 0.3568, 0.2760



43.5220, 0.3700, 0.2652



83.5586, 0.2610, 0.3324



17.3794, 0.3210, 0.3165



11.7054, 0.4830, 0.2434



1.1056, 0.4583, 0.2298

Previews

White Background



This preview shows how the Yxy color 48.9774, 0.3568, 0.2760 looks on a white background.

Color Contrast Check

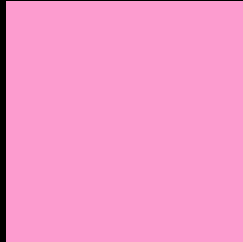
Large Text (above 18pt) WCAG AA × Fail

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 48.9774, 0.3568, 0.2760 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 48.9774, 0.3568, 0.2760

Background



This preview shows how black text looks on a background with the Yxy color 48.9774, 0.3568, 0.2760.

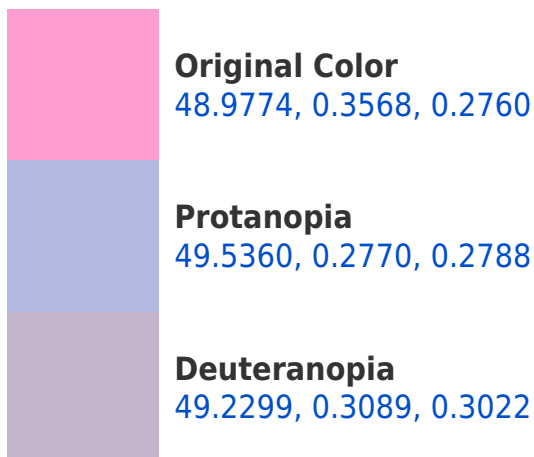


This preview shows how white text looks on a background with the Yxy color 48.9774, 0.3568, 0.2760.

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

48.8531, 0.3837, 0.3163

Trichromacy



Original Color

48.9774, 0.3568, 0.2760



Protanomaly

48.2239, 0.3026, 0.2762



Deuteranomaly

48.6164, 0.3259, 0.2919



Tritanomaly

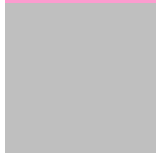
48.8265, 0.3734, 0.3014

Monochromacy



Original Color

48.9774, 0.3568, 0.2760



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

50.0181, 0.3276, 0.3066

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9774, 0.3568, 0.2760 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(252, 156, 207)` looks like.

```
.text, #text, p{  
    color:rgb(252, 156, 207)  
}
```

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(252, 156, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 156, 207) }
```

Border

The CSS property to change the border of an element to Yxy 48.9774, 0.3568, 0.2760 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(252, 156, 207) }
```

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

```
.border{ border-color:rgb(252, 156, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 156, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 156, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 156, 207);  
box-shadow:4px 4px 4px 4px rgb(252, 156,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9774, 0.3568, 0.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 156, 207) }
```

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

```
.background{ background-color: rgb(252,  
156, 207) }
```

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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