

Converting Colors

$Y_{xy}(44.8229, 0.3892, 0.3035)$

Have a look what the booklet for
Yxy(44.8229, 0.3892, 0.3035)
contains.

Yxy(44.6518, 0.3898, 0.3035)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.6518, 0.3898, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	F995AD
RGB	249, 149, 173
RGB Percent	98%, 58%, 68%
CMY	0.0236, 0.4156, 0.3216
CMYK	0.00, 0.40, 0.31, 0.02
HSL	346°, 89%, 78%
HSV	346°, 40%, 98%
XYZ	57.3485, 44.6518, 45.1226
YIQ	181.6360, 51.8960, 28.6640

Conversions

Conversions Part 2

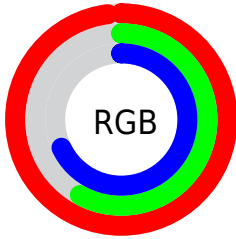
Format	Color
RYB	249, 149, 173
Decimal	16356781
CIELab	72.66, 40.34, 3.76
CIELCh	73, 40.515, 5.318
Yxy	44.6518, 0.3898, 0.3035
Android (android.graphics.Color)	4294546861 (0xFFFF995AD)
YUV	181.6360, -4.2575, 59.0782
Hunter-Lab	66.8220, 36.2552, 6.7389

Details

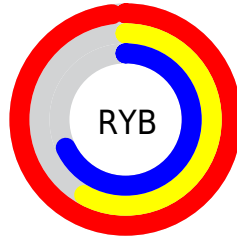
The Yxy color **44.6518, 0.3898, 0.3035** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.5631, 0.2686, 0.3570**, and the grayscale version is **46.5752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0472, 0.3344, 0.3049**, and **20.6934, 0.4117, 0.2951** is the 20% darker color. If you saturate the color by 10%, you get **36.9169, 0.4203, 0.2977**, and if you desaturate by 10%, it is **54.1786, 0.3644, 0.3100**.

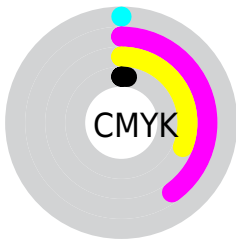
Distribution



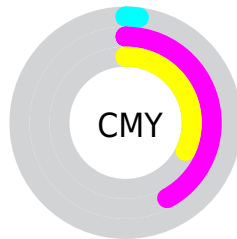
- Red (98%)
- Green (58%)
- Blue (68%)



- Red (98%)
- Yellow (58%)
- Blue (68%)



- Cyan (0%)
- Magenta (40%)
- Yellow (31%)
- Black (2%)





- Cyan (2%)
- Magenta (42%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6518, 0.3898, 0.3035 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 44.6518, 0.3898, 0.3035 by changing the saturation by 10% instead.

 44.6518, 0.3898,
0.3035

 44.6518, 0.3898,
0.3035


365.3615, 0.3509,
0.3167

 31.1833, 0.3996,
0.3001


 82.1977, 0.3756,
0.3084

 20.7384, 0.4122,
0.2956


 107.0437, 0.3703,
0.3102

 12.9329, 0.4290,
0.2895


136.4511, 0.3658,
0.3117

 7.3824, 0.4525,
0.2809

170.8042, 0.3619,
0.3130

 3.7024, 0.4875,
0.2676

210.4874, 0.3586,
0.3142

 1.5085, 0.5441,
0.2452

255.8851, 0.3557,

 0.2947, 0.7914,

0.3151

0.1741

307.3817, 0.3531,
0.3160

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.6518, 0.3898,
0.3035

44.6518, 0.3898,
0.3035

36.9169, 0.4203,
0.2977

54.1786, 0.3644,
0.3100

30.8549, 0.4556,
0.2934

65.5937, 0.3435,
0.3166

26.3424, 0.4947,
0.2916

78.9941, 0.3266,
0.3229

23.2360, 0.5346,
0.2934

94.4684, 0.3129,
0.3289

■ 21.3653, 0.5712,
0.2993

■ 98.8746, 0.3090,
0.3290

■ 20.4575, 0.6004,
0.3081

Harmonies

Analogous

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



44.6518, 0.3345, 0.2671



44.6518, 0.3898, 0.3035



44.6518, 0.4233, 0.3472

Triad

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



44.6518, 0.3898, 0.3035



44.6518, 0.3403, 0.4328



44.6518, 0.2122, 0.2558

Complementary

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



44.6518, 0.3898, 0.3035



79.5631, 0.2686, 0.3570

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.



44.6518, 0.2134, 0.2946



44.6518, 0.3898, 0.3035



44.6518, 0.2843, 0.4053

Square

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



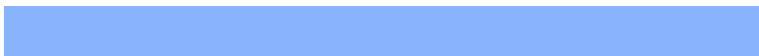
44.6518, 0.3898, 0.3035



44.6518, 0.3915, 0.4243



44.6518, 0.2385, 0.3507



44.6518, 0.2343, 0.2394

Rectangle

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



44.6518, 0.3898, 0.3035



44.6518, 0.4269, 0.3768



44.6518, 0.2385, 0.3507



44.6518, 0.2100, 0.2663

Sweetspot

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



44.6540, 0.3898, 0.3035



80.5977, 0.3295, 0.3218



44.1856, 0.2962, 0.2234



16.8403, 0.3316, 0.3209



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.



44.6540, 0.3898, 0.3035



40.5323, 0.4135, 0.2988



52.5821, 0.4038, 0.3561



17.2934, 0.3256, 0.3233



10.9718, 0.5965, 0.3060



1.0320, 0.5636, 0.2879

Inverse Universe

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



44.6540, 0.3898, 0.3035



40.5323, 0.4135, 0.2988



66.5332, 0.2527, 0.2995



17.2934, 0.3256, 0.3233



10.9718, 0.5965, 0.3060



1.0320, 0.5636, 0.2879

Previews

White Background



This preview shows how the Yxy color 44.6518, 0.3898, 0.3035 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 44.6518, 0.3898, 0.3035 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 44.6518, 0.3898, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 44.6518, 0.3898, 0.3035.

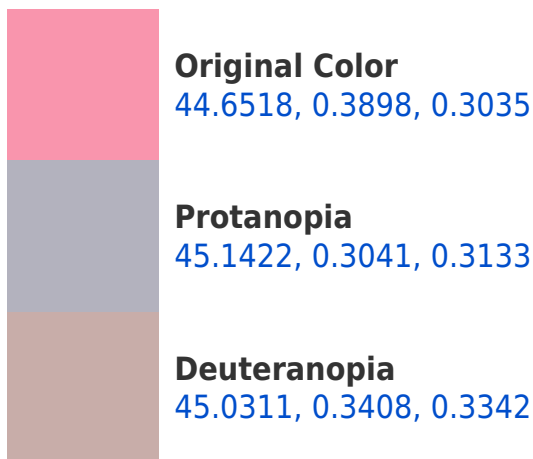


This preview shows how white text looks on a background with the Yxy color 44.6518, 0.3898, 0.3035.

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

44.6983, 0.3997, 0.3174

Trichromacy



Original Color

44.6518, 0.3898, 0.3035

Protanomaly

43.9355, 0.3321, 0.3080

Deuteranomaly

44.3586, 0.3588, 0.3219

Tritanomaly

44.5223, 0.3959, 0.3120

Monochromacy



Original Color

44.6518, 0.3898, 0.3035

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.1259, 0.3380, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6518, 0.3898, 0.3035 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(249, 149, 173)` looks like.

```
.text, #text, p{  
    color:rgb(249, 149, 173)  
}
```

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(249, 149, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 149, 173) }
```

Border

The CSS property to change the border of an element to Yxy 44.6518, 0.3898, 0.3035 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(249, 149, 173) }
```

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

```
.border{ border-color:rgb(249, 149, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 149, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 149, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 149, 173);  
box-shadow:4px 4px 4px 4px rgb(249, 149,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6518, 0.3898, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 149, 173) }
```

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

```
.background{ background-color: rgb(249,  
149, 173) }
```

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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