

Converting Colors

$Yxy(44.9347, 0.3872, 0.3165)$

Have a look what the booklet for
Yxy(44.9347, 0.3872, 0.3165)
contains.

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Color

Yxy(44.8966, 0.3875, 0.3170)

Conversions

Conversions Part 1

Format	Color
Hex	F19BA6
RGB	241, 155, 166
RGB Percent	95%, 61%, 65%
CMY	0.0549, 0.3921, 0.3490
CMYK	0.00, 0.36, 0.31, 0.05
HSL	352°, 75%, 78%
HSV	352°, 36%, 95%
XYZ	54.8815, 44.8966, 41.8516
YIQ	181.9680, 47.7250, 21.6530

Conversions

Conversions Part 2

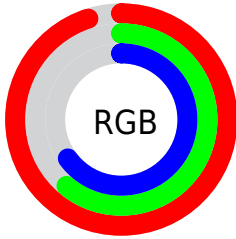
Format	Color
RYB	241, 155, 166
Decimal	15834022
CIELab	72.82, 33.50, 7.73
CIELCh	73, 34.376, 12.991
Yxy	44.8966, 0.3875, 0.3170
Android (android.graphics.Color)	4294024102 (0xFFFF19BA6)
YUV	181.9680, -7.8722, 51.7711
Hunter-Lab	67.0049, 28.9448, 9.8707

Details

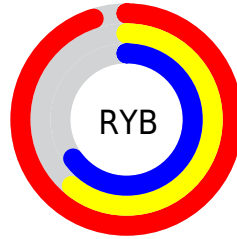
The Yxy color **44.8966, 0.3875, 0.3170** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.5960, 0.2679, 0.3418**, and the grayscale version is **46.7864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.5736, 0.3388, 0.3180**, and **20.9827, 0.4097, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **36.9521, 0.4203, 0.3138**, and if you desaturate by 10%, it is **54.5723, 0.3605, 0.3205**.

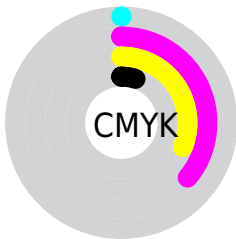
Distribution



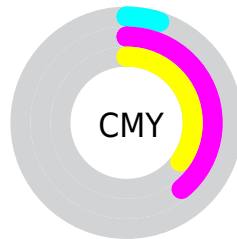
- Red (95%)
- Green (61%)
- Blue (65%)



- Red (95%)
- Yellow (61%)
- Blue (65%)



- Cyan (0%)
- Magenta (36%)
- Yellow (31%)
- Black (5%)




- Cyan (5%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8966, 0.3875, 0.3170 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 44.8966, 0.3875, 0.3170 by changing the saturation by 10% instead.


 44.8966, 0.3875,
0.3170

 44.8966, 0.3875,
0.3170


366.3546, 0.3496,
0.3237

 31.3760, 0.3971,
0.3151


 82.5652, 0.3736,
0.3196

 20.8853, 0.4094,
0.3125


 107.4820, 0.3684,
0.3206

 13.0402, 0.4260,
0.3089


136.9664, 0.3641,
0.3213

 7.4562, 0.4491,
0.3034

171.4026, 0.3603,
0.3220

 3.7490, 0.4837,
0.2944

211.1752, 0.3571,
0.3225

 1.5342, 0.5402,
0.2777

256.6684, 0.3543,

 0.3126, 0.7856,

0.3230

0.2144

308.2668, 0.3518,
0.3234

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.8966, 0.3875,
0.3170

44.8966, 0.3875,
0.3170

36.9521, 0.4203,
0.3138

54.5723, 0.3605,
0.3205

30.6303, 0.4590,
0.3114

66.0661, 0.3387,
0.3239

25.8210, 0.5022,
0.3103

79.4670, 0.3211,
0.3272

22.3970, 0.5467,
0.3113

94.8563, 0.3070,
0.3303

■ 20.2106, 0.5870,
0.3147

■ 97.4417, 0.3041,
0.3290

■ 19.0800, 0.6170,
0.3202

■ 18.7998, 0.6263,
0.3224

Harmonies

Analogous

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



44.8966, 0.3443, 0.2829



44.8966, 0.3875, 0.3170



44.8966, 0.4091, 0.3556

Triad

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



44.8966, 0.3875, 0.3170



44.8966, 0.3247, 0.4129



44.8966, 0.2292, 0.2612

Complementary

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



44.8966, 0.3875, 0.3170



75.5960, 0.2679, 0.3418

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.



44.8966, 0.2251, 0.2903



44.8966, 0.3875, 0.3170



44.8966, 0.2777, 0.3825

Square

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



44.8966, 0.3875, 0.3170



44.8966, 0.3705, 0.4144



44.8966, 0.2420, 0.3351



44.8966, 0.2536, 0.2512

Rectangle

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



44.8966, 0.3875, 0.3170



44.8966, 0.4076, 0.3804



44.8966, 0.2420, 0.3351



44.8966, 0.2255, 0.2688

Sweetspot

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



44.8988, 0.3875, 0.3170



81.9143, 0.3300, 0.3255



46.5416, 0.3071, 0.2379



17.0963, 0.3325, 0.3250



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.



44.8988, 0.3875, 0.3170



44.1342, 0.4113, 0.3146



56.4130, 0.3862, 0.3639



15.7917, 0.3273, 0.3260



10.2048, 0.6237, 0.3209



0.8594, 0.5945, 0.3049

Inverse Universe

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



44.8988, 0.3875, 0.3170



44.1342, 0.4113, 0.3146



59.1525, 0.2573, 0.2909



15.7917, 0.3273, 0.3260



10.2048, 0.6237, 0.3209



0.8594, 0.5945, 0.3049

Previews

White Background



This preview shows how the Yxy color 44.8966, 0.3875, 0.3170 looks on a white background.

Color Contrast Check

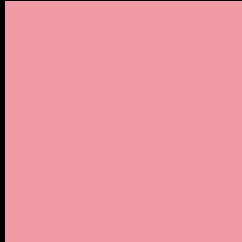
Large Text (above 18pt) WCAG AA × Fail

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 44.8966, 0.3875, 0.3170 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 44.8966, 0.3875, 0.3170

Background



This preview shows how black text looks on a background with the Yxy color 44.8966, 0.3875, 0.3170.

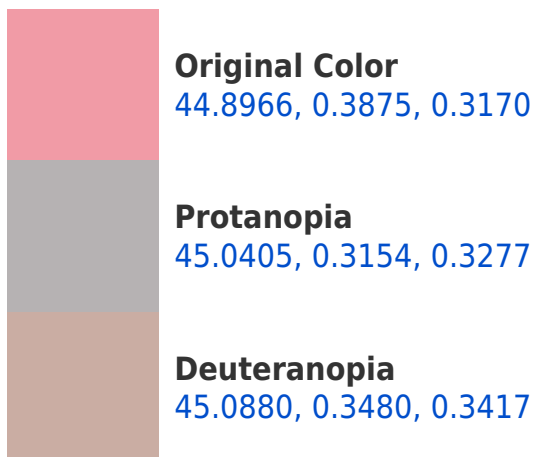


This preview shows how white text looks on a background with the Yxy color 44.8966, 0.3875, 0.3170.

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

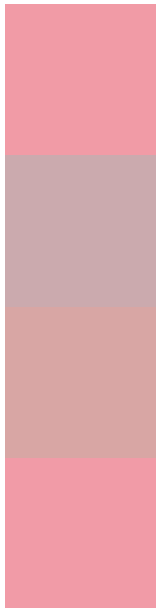




Tritanopia

44.9335, 0.3865, 0.3159

Trichromacy



Original Color

44.8966, 0.3875, 0.3170

Protanomaly

44.5020, 0.3397, 0.3241

Deuteranomaly

44.5517, 0.3621, 0.3316

Tritanomaly

44.9335, 0.3865, 0.3159

Monochromacy



Original Color

44.8966, 0.3875, 0.3170

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.3361, 0.3375, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8966, 0.3875, 0.3170 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(241, 155, 166)` looks like.

```
.text, #text, p{  
    color:rgb(241, 155, 166)  
}
```

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(241, 155, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 155, 166) }
```

Border

The CSS property to change the border of an element to Yxy 44.8966, 0.3875, 0.3170 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(241, 155, 166) }
```

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

```
.border{ border-color:rgb(241, 155, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 155, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 155, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 155, 166);  
box-shadow:4px 4px 4px 4px rgb(241, 155,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8966, 0.3875, 0.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 155, 166) }
```

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

```
.background{ background-color: rgb(241,  
155, 166) }
```

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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