

Converting Colors

Yxy(47.9147, 0.3707, 0.3084)

Have a look what the booklet for
Yxy(47.9147, 0.3707, 0.3084)
contains.

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Color

Yxy(47.8776, 0.3704, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	F1A2B5
RGB	241, 162, 181
RGB Percent	95%, 64%, 71%
CMY	0.0549, 0.3647, 0.2902
CMYK	0.00, 0.33, 0.25, 0.05
HSL	346°, 74%, 79%
HSV	346°, 33%, 95%
XYZ	57.5401, 47.8776, 49.9282
YIQ	187.7870, 40.9850, 22.6570

Conversions

Conversions Part 2

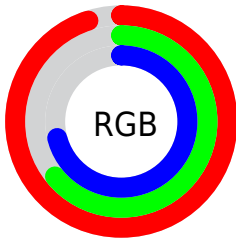
Format	Color
RYB	241, 162, 181
Decimal	15835829
CIELab	74.75, 31.82, 2.24
CIElCh	75, 31.899, 4.018
Yxy	47.8776, 0.3704, 0.3082
Android (android.graphics.Color)	4294025909 (0xFFFF1A2B5)
YUV	187.7870, -3.3460, 46.6678
Hunter-Lab	69.1936, 27.3483, 5.6536

Details

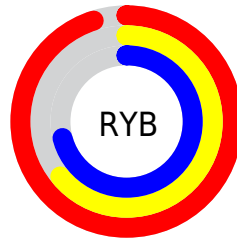
The Yxy color **47.8776, 0.3704, 0.3082** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75.8736, 0.2756, 0.3512**, and the grayscale version is **50.1657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5172, 0.3265, 0.3102**, and **22.5631, 0.3867, 0.3020** is the 20% darker color. If you saturate the color by 10%, you get **39.4844, 0.3970, 0.3018**, and if you desaturate by 10%, it is **58.0011, 0.3485, 0.3148**.

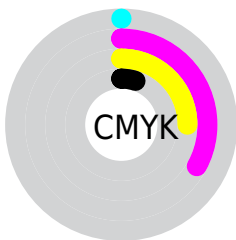
Distribution



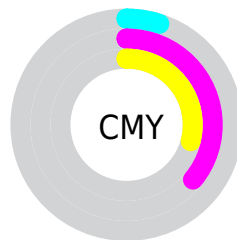
- Red (95%)
- Green (64%)
- Blue (71%)



- Red (95%)
- Yellow (64%)
- Blue (71%)



- Cyan (0%)
- Magenta (33%)
- Yellow (25%)
- Black (5%)




- Cyan (5%)
- Magenta (36%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8776, 0.3704, 0.3082 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 47.8776, 0.3704, 0.3082 by changing the saturation by 10% instead.

 47.8776, 0.3704,
0.3082


 47.8776, 0.3704,
0.3082


378.3068, 0.3416,
0.3187

 33.7300, 0.3776,
0.3055


 87.0221, 0.3600,
0.3121

 22.6862, 0.3867,
0.3021


 112.7878, 0.3560,
0.3135

 14.3620, 0.3989,
0.2975


143.1950, 0.3527,
0.3147

 8.3729, 0.4158,
0.2910

178.6280, 0.3499,
0.3158

 4.3345, 0.4407,
0.2813

219.4713, 0.3474,
0.3167

 1.8624, 0.4809,
0.2653

266.1093, 0.3452,

 0.5256, 0.5901,

0.3174

0.2288

318.9263, 0.3433,
0.3181

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.8776, 0.3704,
0.3082

47.8776, 0.3704,
0.3082

39.4844, 0.3970,
0.3018

58.0011, 0.3485,
0.3148

32.7177, 0.4287,
0.2963

69.9376, 0.3307,
0.3213

27.4729, 0.4651,
0.2925

83.7726, 0.3162,
0.3274

23.6305, 0.5045,
0.2915

97.3929, 0.3046,
0.3297

■ 21.0528, 0.5440,
0.2943

■ 97.4430, 0.3042,
0.3290

■ 19.5735, 0.5790,
0.3012

■ 19.0083, 0.5997,
0.3077

Harmonies

Analogous

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



47.8776, 0.3280, 0.2791



47.8776, 0.3704, 0.3082



47.8776, 0.3969, 0.3432

Triad

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



47.8776, 0.3704, 0.3082



47.8776, 0.3371, 0.4080



47.8776, 0.2331, 0.2735

Complementary

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



47.8776, 0.3704, 0.3082



75.8736, 0.2756, 0.3512

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.



47.8776, 0.2352, 0.3053



47.8776, 0.3704, 0.3082



47.8776, 0.2933, 0.3878

Square

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



47.8776, 0.3704, 0.3082



47.8776, 0.3760, 0.4025



47.8776, 0.2565, 0.3481



47.8776, 0.2502, 0.2588

Rectangle

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



47.8776, 0.3704, 0.3082



47.8776, 0.4010, 0.3666



47.8776, 0.2565, 0.3481



47.8776, 0.2316, 0.2823

Sweetspot

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



47.8799, 0.3704, 0.3082



83.6106, 0.3264, 0.3230



47.6049, 0.3000, 0.2433



17.4412, 0.3285, 0.3221



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.



47.8799, 0.3704, 0.3082



48.1601, 0.3867, 0.3041



54.6662, 0.3819, 0.3510



15.8212, 0.3255, 0.3233



10.3241, 0.5958, 0.3056



0.8740, 0.5591, 0.2854

Inverse Universe

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



47.8799, 0.3704, 0.3082



48.1601, 0.3867, 0.3041



65.8829, 0.2631, 0.3057



15.8212, 0.3255, 0.3233



10.3241, 0.5958, 0.3056



0.8740, 0.5591, 0.2854

Previews

White Background



This preview shows how the Yxy color 47.8776, 0.3704, 0.3082 looks on a white background.

Color Contrast Check

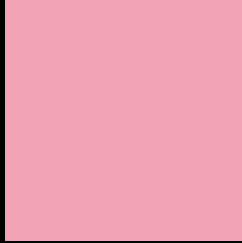
Large Text (above 18pt) WCAG AA × Fail

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 47.8776, 0.3704, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

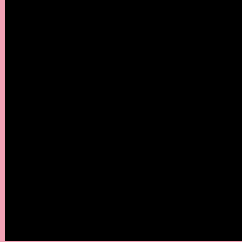
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.8776, 0.3704, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 47.8776, 0.3704, 0.3082.



This preview shows how white text looks on a background with the Yxy color 47.8776, 0.3704, 0.3082.

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

47.8776, 0.3704, 0.3082

Protanopia

48.0315, 0.3066, 0.3163

Deuteranopia

47.8925, 0.3357, 0.3291



Tritanopia

47.8148, 0.3750, 0.3159

Trichromacy



Original Color

47.8776, 0.3704, 0.3082



Protanomaly

47.3132, 0.3276, 0.3120



Deuteranomaly

47.5114, 0.3477, 0.3208



Tritanomaly

47.8940, 0.3731, 0.3136

Monochromacy



Original Color

47.8776, 0.3704, 0.3082



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

49.0084, 0.3323, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8776, 0.3704, 0.3082 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, 162, 181)` looks like.

```
.text, #text, p{  
    color:rgb(241, 162, 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(241, 162, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 162, 181) }
```

Border

The CSS property to change the border of an element to Yxy 47.8776, 0.3704, 0.3082 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, 162, 181) }
```

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

```
.border{ border-color:rgb(241, 162, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 162, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 162, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 162, 181);  
box-shadow:4px 4px 4px 4px rgb(241, 162,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8776, 0.3704, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 162, 181) }
```

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

```
.background{ background-color: rgb(241,  
162, 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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