

Converting Colors

$Yxy(49.6817, 0.3801, 0.3152)$

Have a look what the booklet for
Yxy(49.6817, 0.3801, 0.3152)
contains.

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Color

Yxy(49.6817, 0.3801, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	F8A4B1
RGB	248, 164, 177
RGB Percent	97%, 64%, 69%
CMY	0.0276, 0.3568, 0.3059
CMYK	0.00, 0.34, 0.29, 0.03
HSL	351°, 86%, 81%
HSV	351°, 34%, 97%
XYZ	59.9112, 49.6817, 48.0267
YIQ	190.5980, 45.8910, 21.8510

Conversions

Conversions Part 2

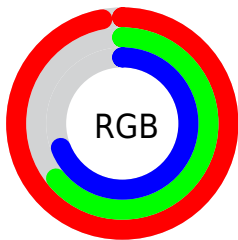
Format	Color
R _Y B	248, 164, 177
Decimal	16295089
CIE Lab	75.87, 32.70, 6.16
CIE LCh	76, 33.275, 10.667
Yxy	49.6817, 0.3801, 0.3152
Android (android.graphics.Color)	4294485169 (0xFFF8A4B1)
YUV	190.5980, -6.7038, 50.3416
Hunter-Lab	70.4852, 28.3727, 8.9411

Details

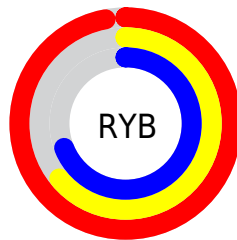
The Yxy color $49.6817, 0.3801, 0.3152$ is a light color, and the websafe version is hex FF9999 . A complement of this color would be $81.0011, 0.2709, 0.3436$, and the grayscale version is $51.8766, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.3296, 0.3291, 0.3161$, and $23.7967, 0.3987, 0.3099$ is the 20% darker color. If you saturate the color by 10%, you get $40.8829, 0.4108, 0.3112$, and if you desaturate by 10%, it is $60.3437, 0.3549, 0.3194$.

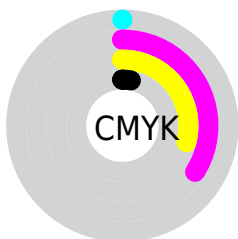
Distribution



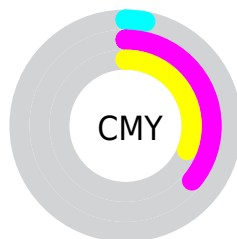
- Red (97%)
- Green (64%)
- Blue (69%)



- Red (97%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (34%)
- Yellow (29%)
- Black (3%)





- Cyan (3%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.6817, 0.3801, 0.3152 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 49.6817, 0.3801, 0.3152 by changing the saturation by 10% instead.

 49.6817, 0.3801,
0.3152


 49.6817, 0.3801,
0.3152


385.4199, 0.3466,
0.3225

 35.1606, 0.3884,
0.3132


 89.7031, 0.3680,
0.3180

 23.7866, 0.3990,
0.3107


 115.9721, 0.3634,
0.3190

 15.1754, 0.4130,
0.3072


146.9259, 0.3595,
0.3198

 8.9426, 0.4324,
0.3021

182.9488, 0.3562,
0.3205

 4.7037, 0.4607,
0.2942

224.4253, 0.3533,
0.3211

 2.0745, 0.5058,
0.2804

271.7397, 0.3508,

 0.6502, 0.6266,

0.3217

0.2617

325.2764, 0.3485,
0.3221

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.6817, 0.3801,
0.3152

49.6817, 0.3801,
0.3152

40.8829, 0.4108,
0.3112

60.3437, 0.3549,
0.3194

33.8334, 0.4473,
0.3080

72.9602, 0.3345,
0.3236

28.4180, 0.4887,
0.3061

87.6247, 0.3181,
0.3276

24.5044, 0.5324,
0.3065

98.6886, 0.3084,
0.3290

■ 21.9398, 0.5737,
0.3098

■ 20.5384, 0.6068,
0.3157

■ 20.0906, 0.6216,
0.3198

Harmonies

Analogous

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



49.6817, 0.3388, 0.2835



49.6817, 0.3801, 0.3152



49.6817, 0.4022, 0.3516

Triad

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



49.6817, 0.3801, 0.3152



49.6817, 0.3277, 0.4082



49.6817, 0.2331, 0.2669

Complementary

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



49.6817, 0.3801, 0.3152



81.0011, 0.2709, 0.3436

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.



49.6817, 0.2308, 0.2959



49.6817, 0.3801, 0.3152



49.6817, 0.2833, 0.3818

Square

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



49.6817, 0.3801, 0.3152



49.6817, 0.3700, 0.4080



49.6817, 0.2484, 0.3384



49.6817, 0.2548, 0.2559

Rectangle

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



49.6817, 0.3801, 0.3152



49.6817, 0.4023, 0.3751



49.6817, 0.2484, 0.3384



49.6817, 0.2301, 0.2746

Sweetspot

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



49.6841, 0.3801, 0.3152



83.4842, 0.3278, 0.3252



50.8229, 0.3052, 0.2418



17.4109, 0.3302, 0.3246



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.



49.6841, 0.3801, 0.3152



45.9922, 0.4017, 0.3123



60.3313, 0.3825, 0.3592



17.2689, 0.3270, 0.3254



10.8700, 0.6187, 0.3182



1.0192, 0.5899, 0.3023

Inverse Universe

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



49.6841, 0.3801, 0.3152



45.9922, 0.4017, 0.3123



65.8465, 0.2604, 0.2964



17.2689, 0.3270, 0.3254



10.8700, 0.6187, 0.3182



1.0192, 0.5899, 0.3023

Previews

White Background



This preview shows how the Yxy color 49.6817, 0.3801, 0.3152 looks on a white background.

Color Contrast Check

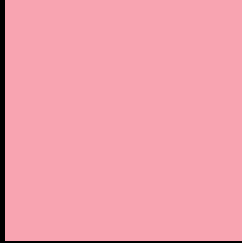
Large Text (above 18pt) WCAG AA × Fail

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 49.6817, 0.3801, 0.3152 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 49.6817, 0.3801, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 49.6817, 0.3801, 0.3152.



This preview shows how white text looks on a background with the Yxy color 49.6817, 0.3801, 0.3152.

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

49.6817, 0.3801, 0.3152

Protanopia

49.7827, 0.3130, 0.3240

Deuteranopia

49.9526, 0.3448, 0.3376



Tritanopia

49.6817, 0.3801, 0.3152

Trichromacy



Original Color

49.6817, 0.3801, 0.3152



Protanomaly

49.1925, 0.3360, 0.3207



Deuteranomaly

49.6024, 0.3570, 0.3291



Tritanomaly

49.6817, 0.3801, 0.3152

Monochromacy



Original Color

49.6817, 0.3801, 0.3152



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

50.5900, 0.3355, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6817, 0.3801, 0.3152 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(248, 164, 177)` looks like.

```
.text, #text, p{  
    color:rgb(248, 164, 177)  
}
```

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(248, 164, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 164, 177) }
```

Border

The CSS property to change the border of an element to Yxy 49.6817, 0.3801, 0.3152 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(248, 164, 177) }
```

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

```
.border{ border-color:rgb(248, 164, 177) }
```

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

Here you see how a box with a 4 pixel rgb(248, 164, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 164, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 164, 177);  
box-shadow:4px 4px 4px 4px rgb(248, 164,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6817, 0.3801, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 164, 177) }
```

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

```
.background{ background-color: rgb(248,  
164, 177) }
```

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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