

Converting Colors

$Yxy(49.4994, 0.3792, 0.3151)$

Have a look what the booklet for
Yxy(49.4994, 0.3792, 0.3151)
contains.

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Color

Yxy(49.4994, 0.3792, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	F7A4B1
RGB	247, 164, 177
RGB Percent	97%, 64%, 69%
CMY	0.0314, 0.3568, 0.3058
CMYK	0.00, 0.34, 0.28, 0.03
HSL	351°, 84%, 81%
HSV	351°, 34%, 97%
XYZ	59.5689, 49.4994, 48.0227
YIQ	190.2990, 45.2950, 21.6390

Conversions

Conversions Part 2

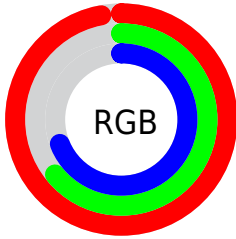
Format	Color
R_{YB}	247, 164, 177
Decimal	16229553
CIE _{Lab}	75.76, 32.37, 5.97
CIE _{LCh}	76, 32.913, 10.450
Yxy	49.4994, 0.3792, 0.3151
Android (android.graphics.Color)	4294419633 (0xFFF7A4B1)
YUV	190.2990, -6.5564, 49.7268
Hunter-Lab	70.3558, 28.0099, 8.7795

Details

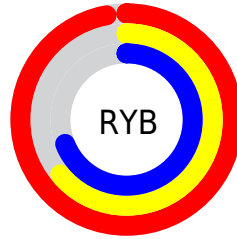
The Yxy color **49.4994, 0.3792, 0.3151** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.3491, 0.2713, 0.3437**, and the grayscale version is **51.6949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3296, 0.3291, 0.3161**, and **23.6684, 0.3975, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **40.7346, 0.4097, 0.3110**, and if you desaturate by 10%, it is **60.1123, 0.3542, 0.3194**.

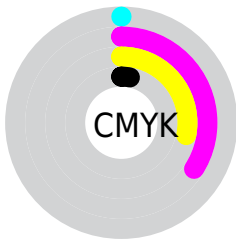
Distribution



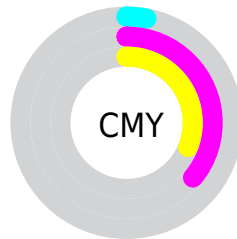
- Red (97%)
- Green (64%)
- Blue (69%)



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



- Cyan (0%)
- Magenta (34%)
- Yellow (28%)
- Black (3%)



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.4994, 0.3792, 0.3151 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 49.4994, 0.3792, 0.3151 by changing the saturation by 10% instead.


 49.4994, 0.3792,
0.3151


 49.4994, 0.3792,
0.3151

384.7050, 0.3461,
0.3225

 35.0158, 0.3874,
0.3131


 89.4327, 0.3672,
0.3179

 23.6750, 0.3979,
0.3106


 115.6512, 0.3627,
0.3189

 15.0927, 0.4118,
0.3071


146.5502, 0.3589,
0.3197

 8.8845, 0.4309,
0.3020

182.5139, 0.3556,
0.3204

 4.6659, 0.4590,
0.2941

223.9269, 0.3527,
0.3211

 2.0526, 0.5037,
0.2804

271.1735, 0.3502,

 0.6378, 0.6253,

0.3216

0.2612

324.6381, 0.3480,
0.3221

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.4994, 0.3792,
0.3151

49.4994, 0.3792,
0.3151

40.7346, 0.4097,
0.3110

60.1123, 0.3542,
0.3194

33.7052, 0.4459,
0.3077

72.6632, 0.3340,
0.3236

28.2974, 0.4871,
0.3058

87.2447, 0.3178,
0.3276

24.3809, 0.5306,
0.3061

98.5128, 0.3078,
0.3290

■ 21.8048, 0.5720,
0.3093

■ 20.3864, 0.6055,
0.3152

■ 19.9176, 0.6211,
0.3195

Harmonies

Analogous

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



49.4994, 0.3382, 0.2837



49.4994, 0.3792, 0.3151



49.4994, 0.4013, 0.3512

Triad

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



49.4994, 0.3792, 0.3151



49.4994, 0.3279, 0.4075



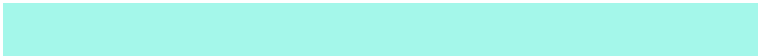
49.4994, 0.2337, 0.2677

Complementary

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



49.4994, 0.3792, 0.3151



80.3491, 0.2713, 0.3437

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.



49.4994, 0.2316, 0.2965



49.4994, 0.3792, 0.3151



49.4994, 0.2839, 0.3816

Square

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



49.4994, 0.3792, 0.3151



49.4994, 0.3697, 0.4072



49.4994, 0.2492, 0.3387



49.4994, 0.2551, 0.2566

Rectangle

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



49.4994, 0.3792, 0.3151



49.4994, 0.4015, 0.3745



49.4994, 0.2492, 0.3387



49.4994, 0.2308, 0.2754

Sweetspot

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



49.5018, 0.3792, 0.3151



83.4876, 0.3278, 0.3251



50.6194, 0.3053, 0.2425



17.4117, 0.3302, 0.3245



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.



49.5018, 0.3792, 0.3151



46.9071, 0.3982, 0.3124



60.0075, 0.3818, 0.3589



16.5249, 0.3269, 0.3253



10.5476, 0.6180, 0.3178



0.9393, 0.5873, 0.3009

Inverse Universe

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



49.5018, 0.3792, 0.3151



46.9071, 0.3982, 0.3124



65.4440, 0.2608, 0.2967



16.5249, 0.3269, 0.3253



10.5476, 0.6180, 0.3178



0.9393, 0.5873, 0.3009

Previews

White Background



This preview shows how the Yxy color 49.4994, 0.3792, 0.3151 looks on a white background.

Color Contrast Check

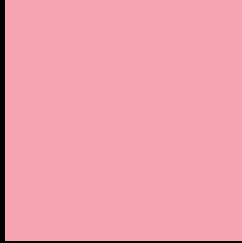
Large Text (above 18pt) WCAG AA × Fail

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 49.4994, 0.3792, 0.3151 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 49.4994, 0.3792, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 49.4994, 0.3792, 0.3151.



This preview shows how white text looks on a background with the Yxy color 49.4994, 0.3792, 0.3151.

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

49.4994, 0.3792, 0.3151

Protanopia

49.7391, 0.3137, 0.3252

Deuteranopia

49.8054, 0.3439, 0.3376



Tritanopia

49.4994, 0.3792, 0.3151

Trichromacy



Original Color

49.4994, 0.3792, 0.3151



Protanomaly

49.1925, 0.3360, 0.3207



Deuteranomaly

49.4431, 0.3561, 0.3291



Tritanomaly

49.4994, 0.3792, 0.3151

Monochromacy



Original Color

49.4994, 0.3792, 0.3151



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

50.3994, 0.3355, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4994, 0.3792, 0.3151 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(247, 164, 177)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 164, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 164, 177) }
```

Border

The CSS property to change the border of an element to Yxy 49.4994, 0.3792, 0.3151 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(247, 164, 177) }
```

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

```
.border{ border-color:rgb(247, 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(247, 164, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 164, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 164, 177);  
box-shadow:4px 4px 4px 4px rgb(247, 164,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4994, 0.3792, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 164, 177) }
```

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

```
.background{ background-color: rgb(247,  
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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