

Converting Colors

$Yxy(48.9840, 0.4007, 0.3246)$

Have a look what the booklet for
Yxy(48.9840, 0.4007, 0.3246)
contains.

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Color

Yxy(49.0819, 0.4007, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	FFA0A4
RGB	255, 160, 164
RGB Percent	100%, 63%, 64%
CMY	0.0000, 0.3725, 0.3567
CMYK	0.00, 0.37, 0.36, 0.00
HSL	357°, 100%, 81%
HSV	357°, 37%, 100%
XYZ	60.5142, 49.0819, 41.4251
YIQ	188.8610, 55.3360, 21.3840

Conversions

Conversions Part 2

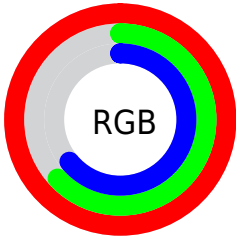
Format	Color
R _Y B	255, 160, 164
Decimal	16752804
CIE Lab	75.50, 35.73, 12.84
CIE LCh	76, 37.971, 19.767
Yxy	49.0819, 0.4007, 0.3250
Android (android.graphics.Color)	4294942884 (0xFFFFA0A4)
YUV	188.8610, -12.2565, 58.0039
Hunter-Lab	70.0585, 31.5801, 13.9831

Details

The Yxy color **49.0819, 0.4007, 0.3250** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.9558, 0.2624, 0.3333**, and the grayscale version is **50.8557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.4862, 0.3394, 0.3261**, and **23.4210, 0.4263, 0.3227** is the 20% darker color. If you saturate the color by 10%, you get **40.3318, 0.4383, 0.3241**, and if you desaturate by 10%, it is **59.8191, 0.3697, 0.3261**.

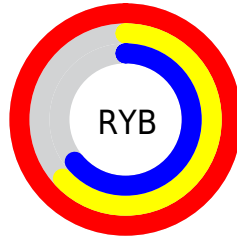
Distribution



Red (100%)

Green (63%)

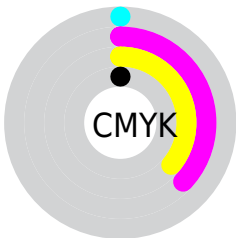
Blue (64%)



Red (100%)

Yellow (63%)

Blue (64%)

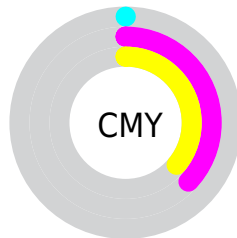


Cyan (0%)

Magenta (37%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.0819, 0.4007, 0.3250 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 49.0819, 0.4007, 0.3250 by changing the saturation by 10% instead.


 49.0819, 0.4007,
0.3250


 49.0819, 0.4007,
0.3250


383.0647, 0.3567,
0.3282

 34.6845, 0.4116,
0.3239


 88.8131, 0.3847,
0.3264

 23.4199, 0.4256,
0.3222


 114.9156, 0.3787,
0.3269

 14.9039, 0.4440,
0.3197


145.6886, 0.3736,
0.3272

 8.7519, 0.4694,
0.3156

181.5165, 0.3693,
0.3275

 4.5797, 0.5061,
0.3084

222.7836, 0.3655,
0.3277

 2.0029, 0.5634,
0.2941

269.8745, 0.3622,

 0.6091, 0.7255,

0.3279

0.2745

323.1733, 0.3593,
0.3281

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.0819, 0.4007,
0.3250

49.0819, 0.4007,
0.3250

40.3318, 0.4383,
0.3241

59.8191, 0.3697,
0.3261

33.4404, 0.4819,
0.3235

72.6474, 0.3447,
0.3272

28.2754, 0.5292,
0.3235

87.6720, 0.3247,
0.3283

24.6841, 0.5748,
0.3244

99.9998, 0.3127,
0.3290

■ 22.4871, 0.6116,
0.3260

■ 21.4540, 0.6335,
0.3281

■ 21.2836, 0.6371,
0.3283

Harmonies

Analogous

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



49.0819, 0.3582, 0.2872



49.0819, 0.4007, 0.3250



49.0819, 0.4170, 0.3661

Triad

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



49.0819, 0.4007, 0.3250



49.0819, 0.3134, 0.4146



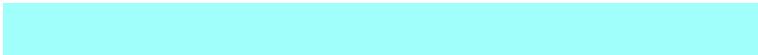
49.0819, 0.2278, 0.2523

Complementary

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



49.0819, 0.4007, 0.3250



85.9558, 0.2624, 0.3333

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.



49.0819, 0.2184, 0.2785



49.0819, 0.4007, 0.3250



49.0819, 0.2651, 0.3759

Square

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



49.0819, 0.4007, 0.3250



49.0819, 0.3640, 0.4229



49.0819, 0.2312, 0.3234



49.0819, 0.2580, 0.2466

Rectangle

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



49.0819, 0.4007, 0.3250



49.0819, 0.4106, 0.3916



49.0819, 0.2312, 0.3234



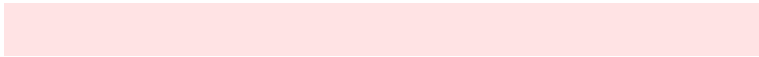
49.0819, 0.2222, 0.2588

Sweetspot

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



49.0843, 0.4007, 0.3250



81.7802, 0.3316, 0.3279



52.7327, 0.3132, 0.2355



17.0646, 0.3343, 0.3277



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.



49.0843, 0.4007, 0.3250



42.1376, 0.4292, 0.3243



66.3924, 0.3876, 0.3736



17.9996, 0.3288, 0.3280



11.1266, 0.6358, 0.3276



1.0876, 0.6257, 0.3221

Inverse Universe

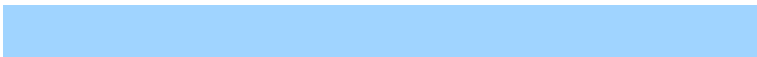
The Inverse Universe completely reimagines the original color for something new.



49.0843, 0.4007, 0.3250



42.1376, 0.4292, 0.3243



61.9063, 0.2533, 0.2793



17.9996, 0.3288, 0.3280



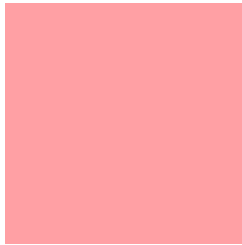
11.1266, 0.6358, 0.3276



1.0876, 0.6257, 0.3221

Previews

White Background



This preview shows how the Yxy color 49.0819, 0.4007, 0.3250 looks on a white background.

Color Contrast Check

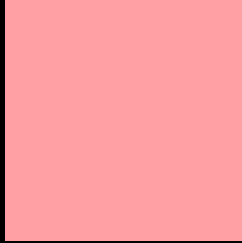
Large Text (above 18pt) WCAG AA × Fail

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 49.0819, 0.4007, 0.3250 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 49.0819, 0.4007, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 49.0819, 0.4007, 0.3250.



This preview shows how white text looks on a background with the Yxy color 49.0819, 0.4007, 0.3250.

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

49.0819, 0.4007, 0.3250

Protanopia

49.5386, 0.3241, 0.3392

Deuteranopia

49.1095, 0.3593, 0.3509



Tritanopia

48.9965, 0.3941, 0.3166

Trichromacy



Original Color

49.0819, 0.4007, 0.3250

Protanomaly

48.9085, 0.3502, 0.3339

Deuteranomaly

48.7717, 0.3744, 0.3407

Tritanomaly

48.8834, 0.3971, 0.3198

Monochromacy



Original Color

49.0819, 0.4007, 0.3250

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.2822, 0.3420, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0819, 0.4007, 0.3250 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(255, 160, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 164)  
}
```

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(255, 160, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 164) }
```

Border

The CSS property to change the border of an element to Yxy 49.0819, 0.4007, 0.3250 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(255, 160, 164) }
```

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

```
.border{ border-color:rgb(255, 160, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 160, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 160, 164); box-shadow:4px 4px 4px 4px rgb(255, 160, 164) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0819, 0.4007, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 164) }
```

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

```
.background{ background-color: rgb(255,  
160, 164) }
```

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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