

Converting Colors

$Y_{xy}(48.2169, 0.4066, 0.3282)$

Have a look what the booklet for
Yxy(48.2169, 0.4066, 0.3282)
contains.

Yxy(48.2169, 0.4066, 0.3282)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.2169, 0.4066, 0.3282)

Conversions

Conversions Part 1

Format	Color
Hex	FF9E9F
RGB	255, 158, 159
RGB Percent	100%, 62%, 62%
CMY	0.0000, 0.3804, 0.3764
CMYK	0.00, 0.38, 0.38, 0.00
HSL	359°, 100%, 81%
HSV	359°, 38%, 100%
XYZ	59.7349, 48.2169, 38.9614
YIQ	187.1170, 57.4910, 20.8750

Conversions

Conversions Part 2

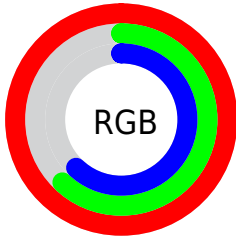
Format	Color
R _Y B	255, 158, 159
Decimal	16752287
CIE _{Lab}	74.96, 36.21, 14.84
CIE _{LCh}	75, 39.133, 22.287
Y _{xy}	48.2169, 0.4066, 0.3282
Android (android.graphics.Color)	4294942367 (0xFFFF9E9F)
Y _{UV}	187.1170, -13.8617, 59.5334
Hunter-Lab	69.4384, 32.0388, 15.3397

Details

The Yxy color **48.2169, 0.4066, 0.3282** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.9423, 0.2601, 0.3300**, and the grayscale version is **49.8136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2082, 0.3434, 0.3291**, and **22.9216, 0.4333, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **39.6097, 0.4460, 0.3281**, and if you desaturate by 10%, it is **58.7987, 0.3739, 0.3284**.

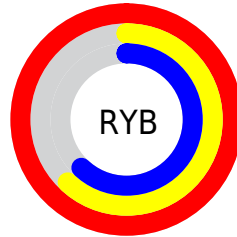
Distribution



Red (100%)

Green (62%)

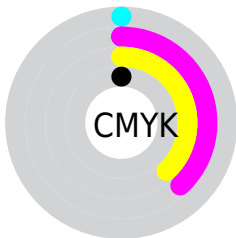
Blue (62%)



Red (100%)

Yellow (62%)

Blue (62%)

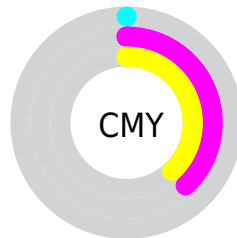


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2169, 0.4066, 0.3282 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 48.2169, 0.4066, 0.3282 by changing the saturation by 10% instead.


 48.2169, 0.4066,
0.3282


 48.2169, 0.4066,
0.3282


379.6512, 0.3595,
0.3301

 33.9987, 0.4183,
0.3273


 87.5273, 0.3895,
0.3292

 22.8926, 0.4333,
0.3259


 113.3882, 0.3830,
0.3295

 14.5142, 0.4531,
0.3237


143.8988, 0.3776,
0.3297

 8.4792, 0.4804,
0.3198

179.4435, 0.3729,
0.3298

 4.4031, 0.5198,
0.3125

220.4067, 0.3689,
0.3299

 1.9015, 0.5820,
0.2980

267.1728, 0.3653,

 0.5493, 0.7373,

0.3300

0.2627

320.1262, 0.3622,
0.3300

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.2169, 0.4066,
0.3282

48.2169, 0.4066,
0.3282

39.6097, 0.4460,
0.3281

58.7987, 0.3739,
0.3284

32.8669, 0.4914,
0.3281

71.4811, 0.3476,
0.3286

27.8468, 0.5397,
0.3282

86.3640, 0.3265,
0.3288

24.3933, 0.5848,
0.3285

100.0000, 0.3127,
0.3290

■ 22.3223, 0.6190,
0.3291

■ 21.3849, 0.6370,
0.3296

■ 21.2659, 0.6393,
0.3296

Harmonies

Analogous

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



48.2169, 0.3642, 0.2887



48.2169, 0.4066, 0.3282



48.2169, 0.4208, 0.3706

Triad

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



48.2169, 0.4066, 0.3282



48.2169, 0.3088, 0.4158



48.2169, 0.2268, 0.2484

Complementary

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



48.2169, 0.4066, 0.3282



85.9423, 0.2601, 0.3300

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.



48.2169, 0.2152, 0.2735



48.2169, 0.4066, 0.3282



48.2169, 0.2596, 0.3733

Square

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



48.2169, 0.4066, 0.3282



48.2169, 0.3615, 0.4270



48.2169, 0.2264, 0.3186



48.2169, 0.2596, 0.2443

Rectangle

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



48.2169, 0.4066, 0.3282



48.2169, 0.4123, 0.3965



48.2169, 0.2264, 0.3186



48.2169, 0.2204, 0.2544

Sweetspot

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



48.2125, 0.4066, 0.3282



81.7304, 0.3322, 0.3288



52.6238, 0.3158, 0.2343



17.0529, 0.3350, 0.3287



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.



48.2125, 0.4066, 0.3282



41.2131, 0.4374, 0.3281



67.3317, 0.3883, 0.3778



17.9902, 0.3293, 0.3288



11.1132, 0.6390, 0.3294



1.0831, 0.6364, 0.3280

Inverse Universe

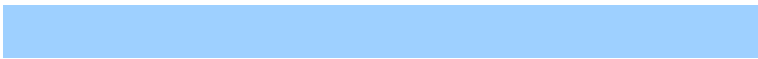
The Inverse Universe completely reimagines the original color for something new.



48.2125, 0.4066, 0.3282



41.2131, 0.4374, 0.3281



59.6532, 0.2515, 0.2741



17.9902, 0.3293, 0.3288



11.1132, 0.6390, 0.3294



1.0831, 0.6364, 0.3280

Previews

White Background



This preview shows how the Yxy color 48.2169, 0.4066, 0.3282 looks on a white background.

Color Contrast Check

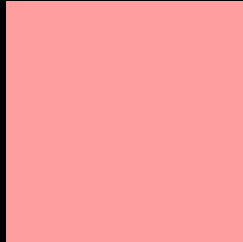
Large Text (above 18pt) WCAG AA × Fail

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 48.2169, 0.4066, 0.3282 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 48.2169, 0.4066, 0.3282

Background



This preview shows how black text looks on a background with the Yxy color 48.2169, 0.4066, 0.3282.



This preview shows how white text looks on a background with the Yxy color 48.2169, 0.4066, 0.3282.

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

48.2169, 0.4066, 0.3282

Protanopia

48.3745, 0.3275, 0.3431

Deuteranopia

48.3535, 0.3640, 0.3572



Tritanopia

48.2011, 0.3978, 0.3177

Trichromacy



Original Color

48.2169, 0.4066, 0.3282



Protanomaly

47.7832, 0.3542, 0.3376



Deuteranomaly

48.0201, 0.3794, 0.3466



Tritanomaly

48.0906, 0.4009, 0.3208

Monochromacy



Original Color

48.2169, 0.4066, 0.3282



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

48.2220, 0.3441, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2169, 0.4066, 0.3282 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, 158, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 159)  
}
```

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, 158, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 159) }
```

Border

The CSS property to change the border of an element to Yxy 48.2169, 0.4066, 0.3282 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, 158, 159) }
```

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

```
.border{ border-color:rgb(255, 158, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 158, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2169, 0.4066, 0.3282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 159) }
```

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

```
.background{ background-color: rgb(255,  
158, 159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor