

Converting Colors

$Y_{xy}(48.4881, 0.3982, 0.3194)$

Have a look what the booklet for
Yxy(48.4881, 0.3982, 0.3194)
contains.

Yxy(48.5037, 0.3985, 0.3198)	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(48.5037, 0.3985, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	FF9EA7
RGB	255, 158, 167
RGB Percent	100%, 62%, 65%
CMY	0.0000, 0.3804, 0.3452
CMYK	0.00, 0.38, 0.35, 0.00
HSL	354°, 100%, 81%
HSV	354°, 38%, 100%
XYZ	60.4400, 48.5037, 42.7251
YIQ	188.0290, 54.9230, 23.3630

Conversions

Conversions Part 2

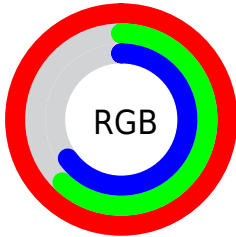
Format	Color
R _Y B	255, 158, 167
Decimal	16752295
CIE Lab	75.14, 37.11, 10.72
CIE LCh	75, 38.630, 16.110
Yxy	48.5037, 0.3985, 0.3198
Android (android.graphics.Color)	4294942375 (0xFFFF9EA7)
YUV	188.0290, -10.3673, 58.7336
Hunter-Lab	69.6446, 33.0306, 12.3784

Details

The Yxy color **48.5037, 0.3985, 0.3198** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.4453, 0.2637, 0.3389**, and the grayscale version is **50.3443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6271, 0.3375, 0.3210**, and **23.0767, 0.4233, 0.3160** is the 20% darker color. If you saturate the color by 10%, you get **39.9096, 0.4344, 0.3177**, and if you desaturate by 10%, it is **59.0604, 0.3688, 0.3223**.

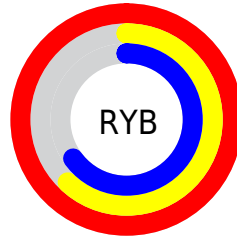
Distribution



Red (100%)

Green (62%)

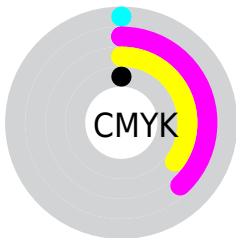
Blue (65%)



Red (100%)

Yellow (62%)

Blue (65%)

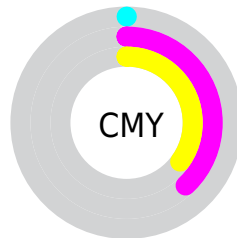


Cyan (0%)

Magenta (38%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.5037, 0.3985, 0.3198 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 48.5037, 0.3985, 0.3198 by changing the saturation by 10% instead.


 48.5037, 0.3985,
0.3198

 48.5037, 0.3985,
0.3198


380.7852, 0.3555,
0.3254

 34.2259, 0.4092,
0.3181


 87.9539, 0.3829,
0.3221

 23.0672, 0.4229,
0.3158


 113.8951, 0.3770,
0.3228

 14.6432, 0.4409,
0.3124


144.4930, 0.3721,
0.3235

 8.5693, 0.4659,
0.3073

180.1318, 0.3678,
0.3240

 4.4614, 0.5022,
0.2988

221.1961, 0.3641,
0.3244

 1.9348, 0.5592,
0.2829

268.0701, 0.3609,

 0.5692, 0.7380,

0.3248

0.2620

321.1384, 0.3581,
0.3251

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.5037, 0.3985,
0.3198

48.5037, 0.3985,
0.3198

39.9096, 0.4344,
0.3177

59.0604, 0.3688,
0.3223

33.1503, 0.4763,
0.3162

71.6828, 0.3447,
0.3248

28.0942, 0.5219,
0.3159

86.4756, 0.3254,
0.3272

24.5891, 0.5667,
0.3174

99.9999, 0.3127,
0.3290

■ 22.4558, 0.6042,
0.3206

■ 21.4531, 0.6287,
0.3250

■ 21.3241, 0.6321,
0.3256

Harmonies

Analogous

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



48.5037, 0.3527, 0.2823



48.5037, 0.3985, 0.3198



48.5037, 0.4190, 0.3617

Triad

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



48.5037, 0.3985, 0.3198



48.5037, 0.3198, 0.4195



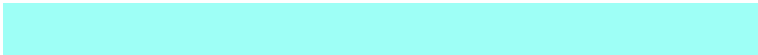
48.5037, 0.2238, 0.2529

Complementary

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



48.5037, 0.3985, 0.3198



85.4453, 0.2637, 0.3389

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.



48.5037, 0.2169, 0.2821



48.5037, 0.3985, 0.3198



48.5037, 0.2694, 0.3830

Square

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



48.5037, 0.3985, 0.3198



48.5037, 0.3707, 0.4237



48.5037, 0.2327, 0.3297



48.5037, 0.2521, 0.2447

Rectangle

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



48.5037, 0.3985, 0.3198



48.5037, 0.4148, 0.3882



48.5037, 0.2327, 0.3297



48.5037, 0.2190, 0.2603

Sweetspot

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



48.5061, 0.3985, 0.3198



81.8584, 0.3307, 0.3265



51.1435, 0.3092, 0.2324



17.0831, 0.3332, 0.3262



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.



48.5061, 0.3985, 0.3198



41.5065, 0.4266, 0.3181



63.5730, 0.3915, 0.3697



18.0143, 0.3280, 0.3268



11.1515, 0.6299, 0.3244



1.0945, 0.6099, 0.3133

Inverse Universe

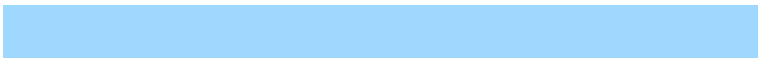
The Inverse Universe completely reimagines the original color for something new.



48.5061, 0.3985, 0.3198



41.5065, 0.4266, 0.3181



63.7060, 0.2530, 0.2839



18.0143, 0.3280, 0.3268



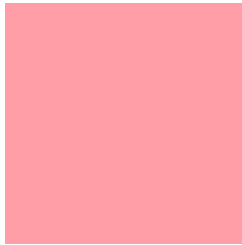
11.1515, 0.6299, 0.3244



1.0945, 0.6099, 0.3133

Previews

White Background



This preview shows how the Yxy color 48.5037, 0.3985, 0.3198 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 48.5037, 0.3985, 0.3198 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 48.5037, 0.3985, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 48.5037, 0.3985, 0.3198.



This preview shows how white text looks on a background with the Yxy color 48.5037, 0.3985, 0.3198.

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

48.5037, 0.3985, 0.3198

Protanopia

48.9813, 0.3201, 0.3341

Deuteranopia

48.7334, 0.3548, 0.3487



Tritanopia

48.5783, 0.3965, 0.3177

Trichromacy



Original Color

48.5037, 0.3985, 0.3198



Protanomaly

48.0907, 0.3470, 0.3279



Deuteranomaly

48.1370, 0.3710, 0.3373



Tritanomaly

48.5409, 0.3975, 0.3187

Monochromacy



Original Color

48.5037, 0.3985, 0.3198



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.7366, 0.3413, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5037, 0.3985, 0.3198 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 167) }
```

Border

The CSS property to change the border of an element to Yxy 48.5037, 0.3985, 0.3198 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, 167) }
```

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

```
.border{ border-color:rgb(255, 158, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5037, 0.3985, 0.3198 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, 167) }
```

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

```
.background{ background-color: rgb(255,  
158, 167) }
```

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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