

Converting Colors

$Yxy(48.6893, 0.3985, 0.3402)$

Have a look what the booklet for
Yxy(48.6893, 0.3985, 0.3402)
contains.

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Color

Yxy(48.6893, 0.3985, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	F5A59B
RGB	245, 165, 155
RGB Percent	96%, 65%, 61%
CMY	0.0391, 0.3530, 0.3922
CMYK	0.00, 0.33, 0.37, 0.04
HSL	7°, 82%, 78%
HSV	7°, 37%, 96%
XYZ	57.0332, 48.6893, 37.3972
YIQ	187.7800, 50.8900, 13.8500

Conversions

Conversions Part 2

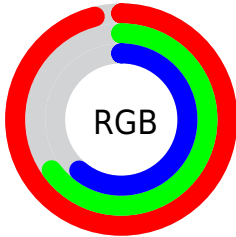
Format	Color
R _Y B	245, 166, 155
Decimal	16098715
CIE Lab	75.26, 28.38, 17.28
CIE LCh	75, 33.223, 31.336
Yxy	48.6893, 0.3985, 0.3402
Android (android.graphics.Color)	4294288795 (0xFFFF5A59B)
YUV	187.7800, -16.1605, 50.1819
Hunter-Lab	69.7777, 23.7869, 17.0681

Details

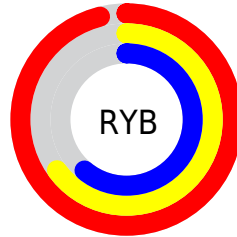
The Yxy color **48.6893, 0.3985, 0.3402** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.9886, 0.2596, 0.3173**, and the grayscale version is **50.2310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5764, 0.3458, 0.3412**, and **23.1526, 0.4234, 0.3405** is the 20% darker color. If you saturate the color by 10%, you get **40.7515, 0.4343, 0.3431**, and if you desaturate by 10%, it is **58.1366, 0.3686, 0.3370**.

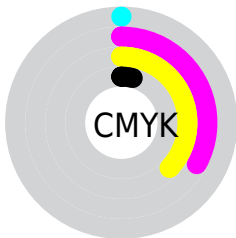
Distribution



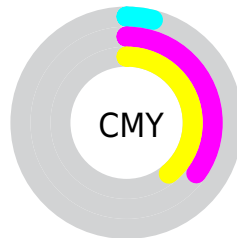
- Red (96%)
- Green (65%)
- Blue (61%)



- Red (96%)
- Yellow (65%)
- Blue (61%)



- Cyan (0%)
- Magenta (33%)
- Yellow (37%)
- Black (4%)




- Cyan (4%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6893, 0.3985, 0.3402 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 48.6893, 0.3985, 0.3402 by changing the saturation by 10% instead.


 48.6893, 0.3985,
0.3402


 48.6893, 0.3985,
0.3402

381.5179, 0.3555,
0.3360

 34.3731, 0.4092,
0.3408


 88.2298, 0.3829,
0.3390

 23.1804, 0.4229,
0.3413


 114.2229, 0.3770,
0.3385

 14.7267, 0.4409,
0.3415


144.8771, 0.3720,
0.3380

 8.6278, 0.4657,
0.3410

180.5767, 0.3678,
0.3375

 4.4992, 0.5016,
0.3385

221.7062, 0.3641,
0.3371

 1.9566, 0.5605,
0.3323

268.6500, 0.3609,

 0.5821, 0.6930,

0.3367

0.3070

321.7924, 0.3580,
0.3364

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.6893, 0.3985,
0.3402

48.6893, 0.3985,
0.3402

40.7515, 0.4343,
0.3431

58.1366, 0.3686,
0.3370

34.2383, 0.4756,
0.3453

69.1586, 0.3440,
0.3339

29.0669, 0.5205,
0.3463

81.8253, 0.3240,
0.3309

25.1435, 0.5647,
0.3453

96.2003, 0.3078,
0.3281

■ 22.3616, 0.6021,
0.3422

■ 98.1568, 0.3066,
0.3290

■ 20.5967, 0.6269,
0.3372

■ 20.2113, 0.6326,
0.3359

Harmonies

Analogous

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



48.6893, 0.3690, 0.3044



48.6893, 0.3985, 0.3402



48.6893, 0.4026, 0.3760

Triad

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



48.6893, 0.3985, 0.3402



48.6893, 0.2965, 0.3930



48.6893, 0.2458, 0.2571

Complementary

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



48.6893, 0.3985, 0.3402



72.9886, 0.2596, 0.3173

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.



48.6893, 0.2299, 0.2738



48.6893, 0.3985, 0.3402



48.6893, 0.2574, 0.3528

Square

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



48.6893, 0.3985, 0.3402



48.6893, 0.3418, 0.4115



48.6893, 0.2338, 0.3079



48.6893, 0.2793, 0.2583

Rectangle

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



48.6893, 0.3985, 0.3402



48.6893, 0.3907, 0.3958



48.6893, 0.2338, 0.3079



48.6893, 0.2383, 0.2606

Sweetspot

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



48.6917, 0.3985, 0.3402



83.4344, 0.3321, 0.3322



48.9133, 0.3245, 0.2460



17.4549, 0.3348, 0.3326



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.



48.6917, 0.3985, 0.3402



46.7695, 0.4242, 0.3424



67.3890, 0.3809, 0.3867



16.7789, 0.3291, 0.3317



10.9828, 0.6309, 0.3372



1.0606, 0.6135, 0.3510

Inverse Universe

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



72.9886, 0.2596, 0.3173



76.8624, 0.2507, 0.3146



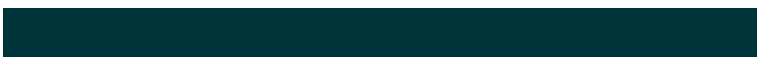
50.8246, 0.2518, 0.2632



18.4247, 0.2981, 0.3263



30.6289, 0.2149, 0.2936



2.7799, 0.2162, 0.2984

Previews

White Background



This preview shows how the Yxy color 48.6893, 0.3985, 0.3402 looks on a white background.

Color Contrast Check

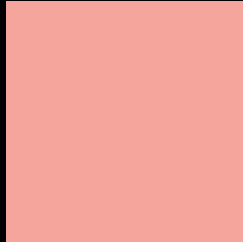
Large Text (above 18pt) WCAG AA × Fail

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 48.6893, 0.3985, 0.3402 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 48.6893, 0.3985, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 48.6893, 0.3985, 0.3402.



This preview shows how white text looks on a background with the Yxy color 48.6893, 0.3985, 0.3402.

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

48.6893, 0.3985, 0.3402

Protanopia

48.8839, 0.3365, 0.3546

Deuteranopia

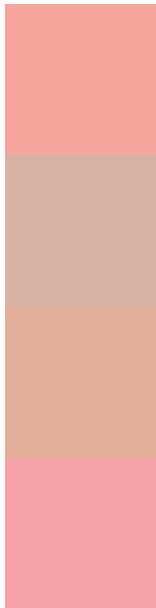
48.9543, 0.3682, 0.3618



Tritanopia

48.6708, 0.3828, 0.3162

Trichromacy



Original Color

48.6893, 0.3985, 0.3402

Protanomaly

48.5601, 0.3587, 0.3498

Deuteranomaly

48.7408, 0.3792, 0.3538

Tritanomaly

48.5772, 0.3884, 0.3249

Monochromacy



Original Color

48.6893, 0.3985, 0.3402

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.3324, 0.3415, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6893, 0.3985, 0.3402 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(245, 165, 155)` looks like.

```
.text, #text, p{  
    color:rgb(245, 165, 155)  
}
```

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(245, 165, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 165, 155) }
```

Border

The CSS property to change the border of an element to Yxy 48.6893, 0.3985, 0.3402 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(245, 165, 155) }
```

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

```
.border{ border-color:rgb(245, 165, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 165, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 165, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 165, 155);  
box-shadow:4px 4px 4px 4px rgb(245, 165,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6893, 0.3985, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 165, 155) }
```

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

```
.background{ background-color: rgb(245,  
165, 155) }
```

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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