

Converting Colors

$Yxy(48.6807, 0.3816, 0.3247)$

Have a look what the booklet for
Yxy(48.6807, 0.3816, 0.3247)
contains.

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Color

Yxy(48.6521, 0.3821, 0.3248)

Conversions

Conversions Part 1

Format	Color
Hex	F2A5A9
RGB	242, 165, 169
RGB Percent	95%, 65%, 66%
CMY	0.0510, 0.3529, 0.3373
CMYK	0.00, 0.32, 0.30, 0.05
HSL	357°, 75%, 80%
HSV	357°, 32%, 95%
XYZ	57.2351, 48.6521, 43.9037
YIQ	188.4790, 44.6080, 17.5680

Conversions

Conversions Part 2

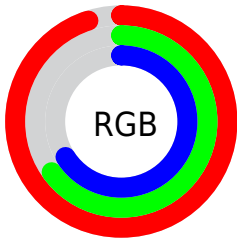
Format	Color
R _Y B	242, 165, 169
Decimal	15902121
CIE Lab	75.23, 28.97, 9.55
CIE LCh	75, 30.506, 18.234
Yxy	48.6521, 0.3821, 0.3248
Android (android.graphics.Color)	4294092201 (0xFFFF2A5A9)
YUV	188.4790, -9.6031, 46.9379
Hunter-Lab	69.7511, 24.4061, 11.5066

Details

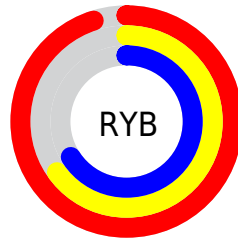
The Yxy color **48.6521, 0.3821, 0.3248** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.6824, 0.2691, 0.3334**, and the grayscale version is **50.6138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3547, 0.3352, 0.3261**, and **23.0630, 0.4018, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **39.9469, 0.4155, 0.3235**, and if you desaturate by 10%, it is **59.1649, 0.3549, 0.3262**.

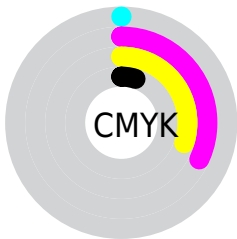
Distribution



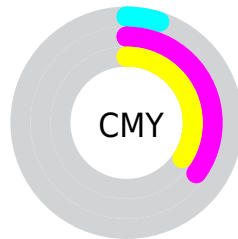
- Red (95%)
- Green (65%)
- Blue (66%)



- Red (95%)
- Yellow (65%)
- Blue (66%)



- Cyan (0%)
- Magenta (32%)
- Yellow (30%)
- Black (5%)





- Cyan (5%)
- Magenta (35%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.6521, 0.3821, 0.3248 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 48.6521, 0.3821, 0.3248 by changing the saturation by 10% instead.


 48.6521, 0.3821,
0.3248


 48.6521, 0.3821,
0.3248


381.3711, 0.3473,
0.3276

 34.3436, 0.3908,
0.3239


 88.1745, 0.3695,
0.3260

 23.1577, 0.4019,
0.3226


 114.1572, 0.3647,
0.3264

 14.7100, 0.4166,
0.3207


144.8001, 0.3607,
0.3267

 8.6161, 0.4370,
0.3176

180.4876, 0.3573,
0.3270

 4.4916, 0.4670,
0.3123

221.6040, 0.3543,
0.3272

 1.9522, 0.5150,
0.3019

268.5338, 0.3517,

 0.5795, 0.6966,

0.3273

0.3034

321.6614, 0.3494,
0.3275

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.6521, 0.3821,
0.3248

48.6521, 0.3821,
0.3248

39.9469, 0.4155,
0.3235

59.1649, 0.3549,
0.3262

32.9410, 0.4554,
0.3225

71.5717, 0.3330,
0.3275

27.5255, 0.5007,
0.3221

85.9619, 0.3155,
0.3288

23.5757, 0.5477,
0.3224

97.6184, 0.3048,
0.3290

■ 20.9485, 0.5904,
0.3238

■ 19.4722, 0.6216,
0.3261

■ 18.9062, 0.6361,
0.3278

Harmonies

Analogous

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



48.6521, 0.3475, 0.2935



48.6521, 0.3821, 0.3248



48.6521, 0.3967, 0.3588

Triad

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



48.6521, 0.3821, 0.3248



48.6521, 0.3162, 0.3978



48.6521, 0.2422, 0.2674

Complementary

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



48.6521, 0.3821, 0.3248



77.6824, 0.2691, 0.3334

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.



48.6521, 0.2354, 0.2904



48.6521, 0.3821, 0.3248



48.6521, 0.2763, 0.3684

Square

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



48.6521, 0.3821, 0.3248



48.6521, 0.3569, 0.4042



48.6521, 0.2473, 0.3274



48.6521, 0.2667, 0.2611

Rectangle

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



48.6521, 0.3821, 0.3248



48.6521, 0.3927, 0.3795



48.6521, 0.2473, 0.3274



48.6521, 0.2379, 0.2732

Sweetspot

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



48.6544, 0.3821, 0.3248



83.3350, 0.3296, 0.3277



51.3058, 0.3122, 0.2488



17.3751, 0.3322, 0.3276



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.



48.6544, 0.3821, 0.3248



48.3962, 0.4024, 0.3240



62.1536, 0.3745, 0.3654



15.7721, 0.3285, 0.3278



10.1618, 0.6346, 0.3270



0.8500, 0.6206, 0.3192

Inverse Universe

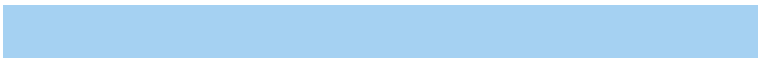
The Inverse Universe completely reimagines the original color for something new.



48.6544, 0.3821, 0.3248



48.3962, 0.4024, 0.3240



59.8350, 0.2624, 0.2893



15.7721, 0.3285, 0.3278



10.1618, 0.6346, 0.3270



0.8500, 0.6206, 0.3192

Previews

White Background



This preview shows how the Yxy color 48.6521, 0.3821, 0.3248 looks on a white background.

Color Contrast Check

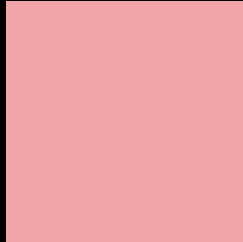
Large Text (above 18pt) WCAG AA × Fail

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 48.6521, 0.3821, 0.3248 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 48.6521, 0.3821, 0.3248

Background



This preview shows how black text looks on a background with the Yxy color 48.6521, 0.3821, 0.3248.



This preview shows how white text looks on a background with the Yxy color 48.6521, 0.3821, 0.3248.

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

48.6521, 0.3821, 0.3248

Protanopia

48.9404, 0.3209, 0.3354

Deuteranopia

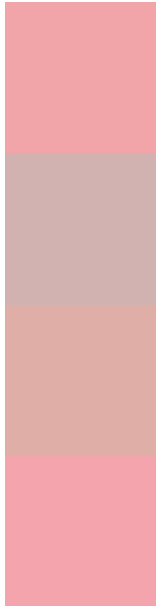
48.8423, 0.3522, 0.3450



Tritanopia

48.7402, 0.3765, 0.3160

Trichromacy



Original Color

48.6521, 0.3821, 0.3248

Protanomaly

48.5307, 0.3419, 0.3315

Deuteranomaly

48.5917, 0.3627, 0.3374

Tritanomaly

48.6227, 0.3794, 0.3193

Monochromacy



Original Color

48.6521, 0.3821, 0.3248

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.3886, 0.3364, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6521, 0.3821, 0.3248 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(242, 165, 169)` looks like.

```
.text, #text, p{  
    color:rgb(242, 165, 169)  
}
```

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(242, 165, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 165, 169) }
```

Border

The CSS property to change the border of an element to Yxy 48.6521, 0.3821, 0.3248 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(242, 165, 169) }
```

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

```
.border{ border-color:rgb(242, 165, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 165, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 165, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 165, 169);  
box-shadow:4px 4px 4px 4px rgb(242, 165,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6521, 0.3821, 0.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 165, 169) }
```

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

```
.background{ background-color: rgb(242,  
165, 169) }
```

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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