

Converting Colors

$Y_{xy}(48.6009, 0.4080, 0.3536)$

Have a look what the booklet for
Yxy(48.6009, 0.4080, 0.3536)
contains.

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Color

Yxy(48.5191, 0.4077, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	F4A690
RGB	244, 166, 144
RGB Percent	96%, 65%, 56%
CMY	0.0432, 0.3490, 0.4353
CMYK	0.00, 0.32, 0.41, 0.04
HSL	13°, 82%, 76%
HSV	13°, 41%, 96%
XYZ	55.9741, 48.5191, 32.7991
YIQ	186.8140, 53.5500, 9.6940

Conversions

Conversions Part 2

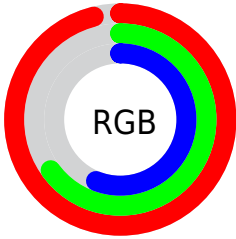
Format	Color
R _Y B	244, 172, 144
Decimal	16033424
CIE Lab	75.15, 26.21, 23.09
CIE LCh	75, 34.928, 41.377
Yxy	48.5191, 0.4077, 0.3534
Android (android.graphics.Color)	4294223504 (0xFFFF4A690)
YUV	186.8140, -21.1073, 50.1521
Hunter-Lab	69.6557, 21.5421, 20.8408

Details

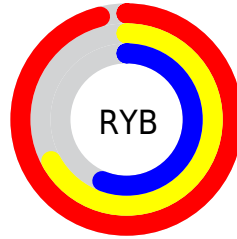
The Yxy color **48.5191, 0.4077, 0.3534** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.6848, 0.2522, 0.3025**, and the grayscale version is **49.6835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0501, 0.3536, 0.3525**, and **22.9149, 0.4350, 0.3574** is the 20% darker color. If you saturate the color by 10%, you get **41.4405, 0.4425, 0.3588**, and if you desaturate by 10%, it is **56.7870, 0.3778, 0.3473**.

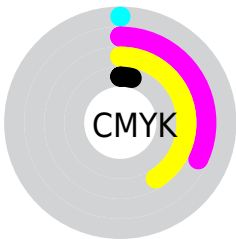
Distribution



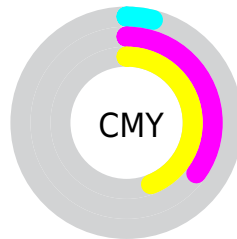
- Red (96%)
- Green (65%)
- Blue (56%)



- Red (96%)
- Yellow (67%)
- Blue (56%)



- Cyan (0%)
- Magenta (32%)
- Yellow (41%)
- Black (4%)





- Cyan (4%)
- Magenta (35%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5191, 0.4077, 0.3534 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 48.5191, 0.4077, 0.3534 by changing the saturation by 10% instead.


 48.5191, 0.4077,
0.3534

 48.5191, 0.4077,
0.3534


380.8460, 0.3601,
0.3431

 34.2382, 0.4195,
0.3553

 87.9768, 0.3905,
0.3501

 23.0766, 0.4344,
0.3574


 113.9223, 0.3840,
0.3488

 14.6501, 0.4541,
0.3595


144.5248, 0.3785,
0.3476

 8.5742, 0.4807,
0.3611

180.1687, 0.3737,
0.3465

 4.4645, 0.5186,
0.3608

221.2384, 0.3697,
0.3455

 1.9366, 0.5939,
0.3660

268.1183, 0.3661,

 0.5703, 0.6832,

0.3446

0.3168

321.1927, 0.3629,
0.3439

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.5191, 0.4077,
0.3534

48.5191, 0.4077,
0.3534

41.4405, 0.4425,
0.3588

56.7870, 0.3778,
0.3473

35.4887, 0.4814,
0.3628

66.2886, 0.3526,
0.3411

30.6064, 0.5224,
0.3643

77.0746, 0.3316,
0.3351

26.7280, 0.5618,
0.3623

89.1911, 0.3142,
0.3295

■ 23.7800, 0.5948,
0.3564

■ 97.9702, 0.3060,
0.3290

■ 21.8430, 0.6164,
0.3487

Harmonies

Analogous

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



48.5191, 0.3849, 0.3152



48.5191, 0.4077, 0.3534



48.5191, 0.4023, 0.3892

Triad

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



48.5191, 0.4077, 0.3534



48.5191, 0.2804, 0.3842



48.5191, 0.2523, 0.2520

Complementary

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



48.5191, 0.4077, 0.3534



64.6848, 0.2522, 0.3025

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.



48.5191, 0.2292, 0.2629



48.5191, 0.4077, 0.3534



48.5191, 0.2441, 0.3377

Square

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



48.5191, 0.4077, 0.3534



48.5191, 0.3272, 0.4128



48.5191, 0.2262, 0.2928



48.5191, 0.2924, 0.2592

Rectangle

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



48.5191, 0.4077, 0.3534



48.5191, 0.3844, 0.4070



48.5191, 0.2262, 0.2928



48.5191, 0.2425, 0.2535

Sweetspot

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



48.5215, 0.4077, 0.3534



83.8927, 0.3336, 0.3358



44.4672, 0.3367, 0.2475



17.6089, 0.3362, 0.3365



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.



48.5215, 0.4077, 0.3534



47.1782, 0.4356, 0.3579



70.1785, 0.3853, 0.4047



17.0741, 0.3288, 0.3343



12.0431, 0.6139, 0.3507



1.2048, 0.5904, 0.3694

Inverse Universe

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



64.6848, 0.2522, 0.3025



67.1743, 0.2420, 0.2963



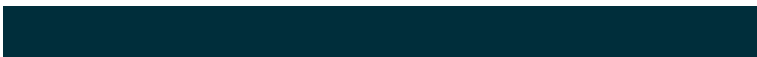
42.0895, 0.2420, 0.2389



18.1024, 0.2980, 0.3237



23.8513, 0.2046, 0.2564



2.2455, 0.2074, 0.2666

Previews

White Background



This preview shows how the Yxy color 48.5191, 0.4077, 0.3534 looks on a white background.

Color Contrast Check

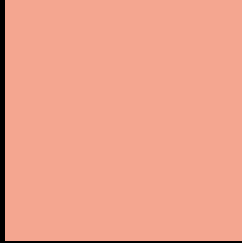
Large Text (above 18pt) WCAG AA × Fail

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 48.5191, 0.4077, 0.3534 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 48.5191, 0.4077, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 48.5191, 0.4077, 0.3534.



This preview shows how white text looks on a background with the Yxy color 48.5191, 0.4077, 0.3534.

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

48.5191, 0.4077, 0.3534

Protanopia

48.7336, 0.3482, 0.3700

Deuteranopia

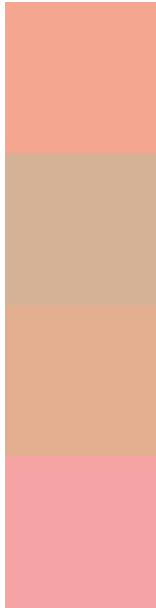
48.6992, 0.3801, 0.3724



Tritanopia

48.6708, 0.3828, 0.3162

Trichromacy



Original Color

48.5191, 0.4077, 0.3534

Protanomaly

48.1889, 0.3684, 0.3633

Deuteranomaly

48.5862, 0.3893, 0.3653

Tritanomaly

48.4316, 0.3923, 0.3292

Monochromacy



Original Color

48.5191, 0.4077, 0.3534

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.5904, 0.3451, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5191, 0.4077, 0.3534 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(244, 166, 144)` looks like.

```
.text, #text, p{  
    color:rgb(244, 166, 144)  
}
```

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(244, 166, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 166, 144) }
```

Border

The CSS property to change the border of an element to Yxy 48.5191, 0.4077, 0.3534 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(244, 166, 144) }
```

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

```
.border{ border-color:rgb(244, 166, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 166, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 166, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 166, 144);  
box-shadow:4px 4px 4px 4px rgb(244, 166,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5191, 0.4077, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 166, 144) }
```

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

```
.background{ background-color: rgb(244,  
166, 144) }
```

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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