

Converting Colors

Yxy(47.3696, 0.4158, 0.3571)

Have a look what the booklet for
Yxy(47.3696, 0.4158, 0.3571)
contains.

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Color

Yxy(47.4418, 0.4159, 0.3565)

Conversions

Conversions Part 1

Format	Color
Hex	F5A38A
RGB	245, 163, 138
RGB Percent	96%, 64%, 54%
CMY	0.0391, 0.3608, 0.4588
CMYK	0.00, 0.33, 0.44, 0.04
HSL	14°, 84%, 75%
HSV	14°, 44%, 96%
XYZ	55.3465, 47.4418, 30.2882
YIQ	184.6680, 56.8970, 9.6090

Conversions

Conversions Part 2

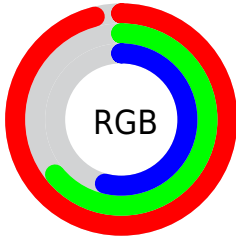
Format	Color
R _Y B	245, 171, 138
Decimal	16098186
CIE Lab	74.47, 27.57, 25.43
CIE LCh	74, 37.503, 42.689
Yxy	47.4418, 0.4159, 0.3565
Android (android.graphics.Color)	4294288266 (0xFFF5A38A)
YUV	184.6680, -23.0073, 52.9112
Hunter-Lab	68.8780, 22.8962, 22.1426

Details

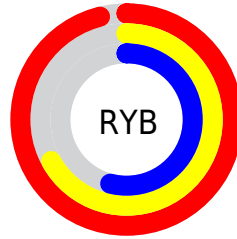
The Yxy color **47.4418, 0.4159, 0.3565** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.2026, 0.2484, 0.2987**, and the grayscale version is **48.4299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2086, 0.3586, 0.3557**, and **22.5126, 0.4444, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **40.6313, 0.4515, 0.3620**, and if you desaturate by 10%, it is **55.4074, 0.3850, 0.3502**.

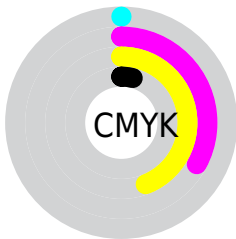
Distribution



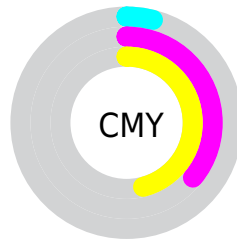
- Red (96%)
- Green (64%)
- Blue (54%)



- Red (96%)
- Yellow (67%)
- Blue (54%)



- Cyan (0%)
- Magenta (33%)
- Yellow (44%)
- Black (4%)



- Cyan (4%)
- Magenta (36%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4418, 0.4159, 0.3565 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 47.4418, 0.4159, 0.3565 by changing the saturation by 10% instead.


 47.4418, 0.4159,
0.3565


 47.4418, 0.4159,
0.3565


376.5753, 0.3641,
0.3450


 33.3851, 0.4287,
0.3586


 86.3727, 0.3971,
0.3529

 22.4216, 0.4450,
0.3608


 112.0157, 0.3900,
0.3514

 14.1670, 0.4663,
0.3629


 142.2895, 0.3840,
0.3500

 8.2369, 0.4952,
0.3642

177.5786, 0.3789,
0.3488

 4.2469, 0.5356,
0.3629

218.2673, 0.3745,
0.3477

 1.8126, 0.6273,
0.3727

264.7400, 0.3706,

 0.4950, 0.7046,

0.3467

0.2954

317.3812, 0.3671,
0.3458

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.4418, 0.4159,
0.3565

47.4418, 0.4159,
0.3565

40.6313, 0.4515,
0.3620

55.4074, 0.3850,
0.3502

34.9146, 0.4907,
0.3656

64.5719, 0.3588,
0.3436

30.2350, 0.5311,
0.3664

74.9852, 0.3368,
0.3372

26.5276, 0.5689,
0.3634

86.6923, 0.3186,
0.3311

■ 23.7193, 0.5993,
0.3564

■ 98.1561, 0.3066,
0.3290

■ 22.3630, 0.6139,
0.3508

Harmonies

Analogous

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



47.4418, 0.3925, 0.3155



47.4418, 0.4159, 0.3565



47.4418, 0.4085, 0.3949

Triad

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



47.4418, 0.4159, 0.3565



47.4418, 0.2756, 0.3871



47.4418, 0.2492, 0.2463

Complementary

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



47.4418, 0.4159, 0.3565



63.2026, 0.2484, 0.2987

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.



47.4418, 0.2237, 0.2567



47.4418, 0.4159, 0.3565



47.4418, 0.2375, 0.3358

Square

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



47.4418, 0.4159, 0.3565



47.4418, 0.3257, 0.4195



47.4418, 0.2195, 0.2877



47.4418, 0.2928, 0.2549

Rectangle

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



47.4418, 0.4159, 0.3565



47.4418, 0.3882, 0.4140



47.4418, 0.2195, 0.2877



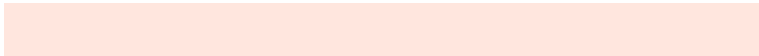
47.4418, 0.2385, 0.2475

Sweetspot

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



47.4441, 0.4159, 0.3565



82.8916, 0.3355, 0.3368



42.7660, 0.3404, 0.2440



17.1723, 0.3400, 0.3382



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.



47.4441, 0.4159, 0.3565



45.5756, 0.4456, 0.3612



70.6115, 0.3898, 0.4113



17.1104, 0.3288, 0.3346



12.2195, 0.6112, 0.3529



1.2251, 0.5875, 0.3717

Inverse Universe

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



63.2026, 0.2484, 0.2987



64.7196, 0.2380, 0.2917



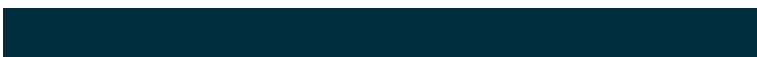
39.4694, 0.2366, 0.2294



18.0634, 0.2980, 0.3233



23.1025, 0.2033, 0.2517



2.1856, 0.2063, 0.2626

Previews

White Background



This preview shows how the Yxy color 47.4418, 0.4159, 0.3565 looks on a white background.

Color Contrast Check

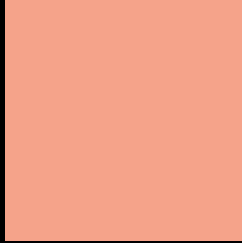
Large Text (above 18pt) WCAG AA × Fail

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 47.4418, 0.4159, 0.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

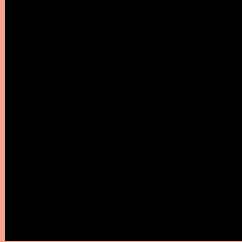
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.4418, 0.4159, 0.3565

Background



This preview shows how black text looks on a background with the Yxy color 47.4418, 0.4159, 0.3565.



This preview shows how white text looks on a background with the Yxy color 47.4418, 0.4159, 0.3565.

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

47.4418, 0.4159, 0.3565

Protanopia

47.5757, 0.3528, 0.3755

Deuteranopia

47.5800, 0.3853, 0.3774



Tritanopia

47.3125, 0.3890, 0.3163

Trichromacy



Original Color

47.4418, 0.4159, 0.3565

Protanomaly

47.2104, 0.3745, 0.3683

Deuteranomaly

47.2629, 0.3961, 0.3689

Tritanomaly

47.3844, 0.3994, 0.3314

Monochromacy



Original Color

47.4418, 0.4159, 0.3565

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.5368, 0.3473, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4418, 0.4159, 0.3565 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, 163, 138)` looks like.

```
.text, #text, p{  
    color:rgb(245, 163, 138)  
}
```

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, 163, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 163, 138) }
```

Border

The CSS property to change the border of an element to Yxy 47.4418, 0.4159, 0.3565 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, 163, 138) }
```

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

```
.border{ border-color:rgb(245, 163, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 163, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 163, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 163, 138); box-shadow:4px 4px 4px 4px rgb(245, 163, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4418, 0.4159, 0.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 163, 138) }
```

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

```
.background{ background-color: rgb(245,  
163, 138) }
```

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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