

Converting Colors

$Yxy(47.1989, 0.4062, 0.3489)$

Have a look what the booklet for
Yxy(47.1989, 0.4062, 0.3489)
contains.

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Color

Yxy(47.1160, 0.4063, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	F2A391
RGB	242, 163, 145
RGB Percent	95%, 64%, 57%
CMY	0.0511, 0.3607, 0.4314
CMYK	0.00, 0.33, 0.40, 0.05
HSL	11°, 79%, 76%
HSV	11°, 40%, 95%
XYZ	54.8202, 47.1160, 32.9893
YIQ	184.5690, 52.8620, 11.1500

Conversions

Conversions Part 2

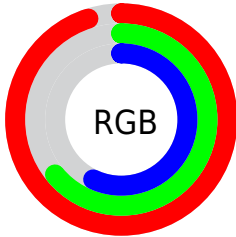
Format	Color
R _Y B	242, 167, 145
Decimal	15901585
CIE Lab	74.26, 27.13, 21.30
CIE LCh	74, 34.495, 38.131
Yxy	47.1160, 0.4063, 0.3492
Android (android.graphics.Color)	4294091665 (0xFFFF2A391)
YUV	184.5690, -19.5075, 50.3670
Hunter-Lab	68.6411, 22.4372, 19.5537

Details

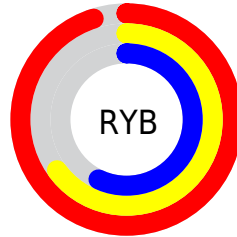
The Yxy color **47.1160, 0.4063, 0.3492** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.7153, 0.2541, 0.3073**, and the grayscale version is **48.3533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5263, 0.3535, 0.3485**, and **22.2443, 0.4328, 0.3535** is the 20% darker color. If you saturate the color by 10%, you get **39.9892, 0.4417, 0.3538**, and if you desaturate by 10%, it is **55.4962, 0.3761, 0.3440**.

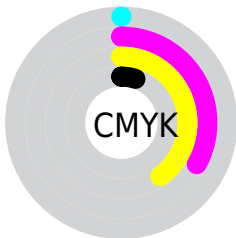
Distribution



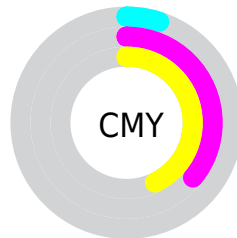
- Red (95%)
- Green (64%)
- Blue (57%)



- Red (95%)
- Yellow (65%)
- Blue (57%)



- Cyan (0%)
- Magenta (33%)
- Yellow (40%)
- Black (5%)





- Cyan (5%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.1160, 0.4063, 0.3492 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 47.1160, 0.4063, 0.3492 by changing the saturation by 10% instead.

 47.1160, 0.4063,
0.3492

 47.1160, 0.4063,
0.3492


375.2774, 0.3591,
0.3409

 33.1274, 0.4180,
0.3507


 85.8867, 0.3892,
0.3466

 22.2240, 0.4331,
0.3522


 111.4377, 0.3827,
0.3455

 14.0216, 0.4529,
0.3537


141.6114, 0.3773,
0.3445

 8.1357, 0.4800,
0.3544

176.7925, 0.3726,
0.3436

 4.1819, 0.5189,
0.3531

217.3652, 0.3686,
0.3428

 1.7758, 0.5973,
0.3565

263.7140, 0.3650,

 0.4720, 0.7073,

0.3421

0.2927

316.2233, 0.3619,
0.3415

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.1160, 0.4063,
0.3492

47.1160, 0.4063,
0.3492

39.9892, 0.4417,
0.3538

55.4962, 0.3761,
0.3440

34.0484, 0.4816,
0.3572

65.1791, 0.3509,
0.3388

29.2303, 0.5240,
0.3584

76.2200, 0.3300,
0.3338

25.4627, 0.5649,
0.3566

88.6688, 0.3128,
0.3290

■ 22.6646, 0.5990,
0.3514

■ 97.6136, 0.3047,
0.3290

■ 20.7483, 0.6225,
0.3440

Harmonies

Analogous

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



47.1160, 0.3808, 0.3112



47.1160, 0.4063, 0.3492



47.1160, 0.4040, 0.3856

Triad

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



47.1160, 0.4063, 0.3492



47.1160, 0.2852, 0.3883



47.1160, 0.2491, 0.2525

Complementary

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



47.1160, 0.4063, 0.3492



65.7153, 0.2541, 0.3073

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.



47.1160, 0.2281, 0.2654



47.1160, 0.4063, 0.3492



47.1160, 0.2474, 0.3429

Square

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



47.1160, 0.4063, 0.3492



47.1160, 0.3323, 0.4140



47.1160, 0.2274, 0.2972



47.1160, 0.2875, 0.2578

Rectangle

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



47.1160, 0.4063, 0.3492



47.1160, 0.3878, 0.4045



47.1160, 0.2274, 0.2972



47.1160, 0.2400, 0.2547

Sweetspot

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



47.1183, 0.4063, 0.3492



83.3057, 0.3338, 0.3347



44.5146, 0.3330, 0.2462



17.4717, 0.3364, 0.3354



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.



47.1183, 0.4063, 0.3492



46.5012, 0.4344, 0.3530



67.6390, 0.3848, 0.3999



16.2340, 0.3289, 0.3335



11.2921, 0.6201, 0.3458



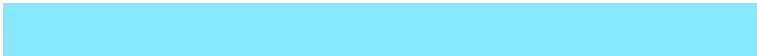
1.0700, 0.5963, 0.3647

Inverse Universe

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



65.7153, 0.2541, 0.3073



70.0291, 0.2442, 0.3022



43.3636, 0.2444, 0.2455



17.4003, 0.2981, 0.3245



25.0903, 0.2079, 0.2684



2.2151, 0.2104, 0.2773

Previews

White Background



This preview shows how the Yxy color 47.1160, 0.4063, 0.3492 looks on a white background.

Color Contrast Check

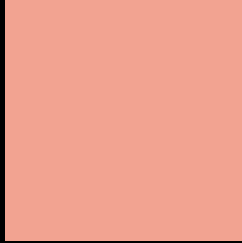
Large Text (above 18pt) WCAG AA × Fail

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 47.1160, 0.4063, 0.3492 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 47.1160, 0.4063, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 47.1160, 0.4063, 0.3492.



This preview shows how white text looks on a background with the Yxy color 47.1160, 0.4063, 0.3492.

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

47.1160, 0.4063, 0.3492

Protanopia

47.5375, 0.3451, 0.3666

Deuteranopia

47.3300, 0.3763, 0.3694



Tritanopia

46.9696, 0.3839, 0.3161

Trichromacy



Original Color

47.1160, 0.4063, 0.3492

Protanomaly

47.1339, 0.3663, 0.3599

Deuteranomaly

46.9867, 0.3868, 0.3611

Tritanomaly

46.8049, 0.3917, 0.3270

Monochromacy



Original Color

47.1160, 0.4063, 0.3492

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.4684, 0.3446, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1160, 0.4063, 0.3492 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, 163, 145)` looks like.

```
.text, #text, p{  
    color:rgb(242, 163, 145)  
}
```

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, 163, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 163, 145) }
```

Border

The CSS property to change the border of an element to Yxy 47.1160, 0.4063, 0.3492 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, 163, 145) }
```

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

```
.border{ border-color:rgb(242, 163, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 163, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 163, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 163, 145);  
box-shadow:4px 4px 4px 4px rgb(242, 163,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1160, 0.4063, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 163, 145) }
```

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

```
.background{ background-color: rgb(242,  
163, 145) }
```

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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