

Converting Colors

$Y_{xy}(47.2658, 0.4039, 0.3543)$

Have a look what the booklet for
Yxy(47.2658, 0.4039, 0.3543)
contains.

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Color

Yxy(47.0706, 0.4036, 0.3539)

Conversions

Conversions Part 1

Format	Color
Hex	EEA58F
RGB	238, 165, 143
RGB Percent	93%, 65%, 56%
CMY	0.0666, 0.3530, 0.4391
CMYK	0.00, 0.31, 0.40, 0.07
HSL	14°, 74%, 75%
HSV	14°, 40%, 93%
XYZ	53.6810, 47.0706, 32.2538
YIQ	184.3190, 50.5700, 8.6340

Conversions

Conversions Part 2

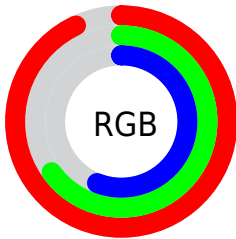
Format	Color
R _Y B	238, 172, 143
Decimal	15639951
CIE Lab	74.23, 24.36, 22.25
CIE LCh	74, 32.992, 42.420
Yxy	47.0706, 0.4036, 0.3539
Android (android.graphics.Color)	4293830031 (0xFFEEA58F)
YUV	184.3190, -20.3703, 47.0782
Hunter-Lab	68.6080, 19.5997, 20.1524

Details

The Yxy color **47.0706, 0.4036, 0.3539** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.1605, 0.2535, 0.3020**, and the grayscale version is **48.2148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4776, 0.3546, 0.3526**, and **22.3039, 0.4289, 0.3582** is the 20% darker color. If you saturate the color by 10%, you get **40.2908, 0.4375, 0.3597**, and if you desaturate by 10%, it is **54.9526, 0.3745, 0.3475**.

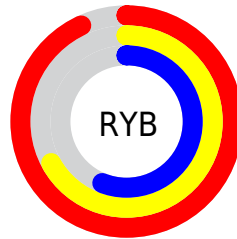
Distribution



Red (93%)

Green (65%)

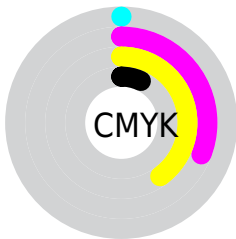
Blue (56%)



Red (93%)

Yellow (67%)

Blue (56%)

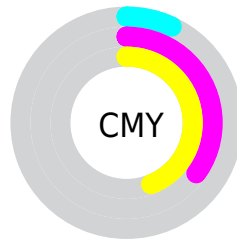


Cyan (0%)

Magenta (31%)

Yellow (40%)

Black (7%)



Cyan (7%)


Magenta (35%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0706, 0.4036, 0.3539 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 47.0706, 0.4036, 0.3539 by changing the saturation by 10% instead.


 47.0706, 0.4036,
0.3539

 47.0706, 0.4036,
0.3539


375.0963, 0.3578,
0.3432

 33.0915, 0.4150,
0.3560


 85.8190, 0.3870,
0.3504

 22.1965, 0.4295,
0.3583


 111.3571, 0.3807,
0.3490

 14.0014, 0.4487,
0.3608

141.5169, 0.3754,
0.3477

 8.1216, 0.4749,
0.3629

176.6829, 0.3709,
0.3466

 4.1729, 0.5125,
0.3635

217.2394, 0.3670,
0.3456

 1.7707, 0.5931,
0.3732

263.5709, 0.3635,

 0.4688, 0.6926,

0.3447

0.3074

316.0617, 0.3605,
0.3439

0.0000, 0.0000,
0.0000

47.0706, 0.4036,
0.3539

47.0706, 0.4036,
0.3539

40.2908, 0.4375,
0.3597

54.9526, 0.3745,
0.3475

34.5565, 0.4755,
0.3641

63.9763, 0.3500,
0.3410

29.8165, 0.5159,
0.3661

74.1877, 0.3295,
0.3348

26.0121, 0.5553,
0.3647

85.6282, 0.3126,
0.3290

23.0779, 0.5891,
0.3592

96.9215, 0.3023,
0.3290

■ 20.9329, 0.6139,
0.3507

■ 20.9168, 0.6141,
0.3506

Harmonies

Analogous

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



47.0706, 0.3827, 0.3171



47.0706, 0.4036, 0.3539



47.0706, 0.3977, 0.3878

Triad

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



47.0706, 0.4036, 0.3539



47.0706, 0.2805, 0.3801



47.0706, 0.2561, 0.2552

Complementary

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



47.0706, 0.4036, 0.3539



61.1605, 0.2535, 0.3020

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.



47.0706, 0.2332, 0.2652



47.0706, 0.4036, 0.3539



47.0706, 0.2462, 0.3358

Square

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



47.0706, 0.4036, 0.3539



47.0706, 0.3251, 0.4082



47.0706, 0.2296, 0.2933



47.0706, 0.2950, 0.2626

Rectangle

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



47.0706, 0.4036, 0.3539



47.0706, 0.3802, 0.4043



47.0706, 0.2296, 0.2933



47.0706, 0.2464, 0.2565

Sweetspot

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



47.0729, 0.4036, 0.3539



84.0814, 0.3336, 0.3361



42.8680, 0.3359, 0.2496



17.6530, 0.3362, 0.3369



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.



47.0729, 0.4036, 0.3539



48.3967, 0.4313, 0.3588



66.8086, 0.3831, 0.4027



16.3518, 0.3287, 0.3345



11.8289, 0.6116, 0.3526



1.1307, 0.5865, 0.3725

Inverse Universe

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



61.1605, 0.2535, 0.3020



66.9491, 0.2429, 0.2954



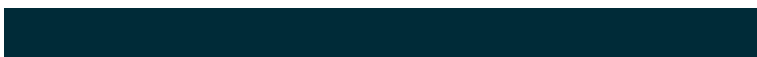
40.7454, 0.2441, 0.2418



17.2731, 0.2981, 0.3234



22.5386, 0.2035, 0.2526



2.0237, 0.2066, 0.2639

Previews

White Background



This preview shows how the Yxy color 47.0706, 0.4036, 0.3539 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 47.0706, 0.4036, 0.3539 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 47.0706, 0.4036, 0.3539

Background



This preview shows how black text looks on a background with the Yxy color 47.0706, 0.4036, 0.3539.



This preview shows how white text looks on a background with the Yxy color 47.0706, 0.4036, 0.3539.

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

47.0706, 0.4036, 0.3539

Protanopia

47.4388, 0.3476, 0.3705

Deuteranopia

47.4208, 0.3790, 0.3717



Tritanopia

47.2076, 0.3785, 0.3159

Trichromacy



Original Color

47.0706, 0.4036, 0.3539

Protanomaly

46.7441, 0.3671, 0.3639

Deuteranomaly

47.1460, 0.3873, 0.3647

Tritanomaly

46.9746, 0.3881, 0.3292

Monochromacy



Original Color

47.0706, 0.4036, 0.3539

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.1462, 0.3437, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0706, 0.4036, 0.3539 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(238, 165, 143)` looks like.

```
.text, #text, p{  
    color:rgb(238, 165, 143)  
}
```

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(238, 165, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 165, 143) }
```

Border

The CSS property to change the border of an element to Yxy 47.0706, 0.4036, 0.3539 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(238, 165, 143) }
```

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

```
.border{ border-color:rgb(238, 165, 143) }
```

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

Here you see how a box with a 4 pixel rgb(238, 165, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 165, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 165, 143);  
box-shadow:4px 4px 4px 4px rgb(238, 165,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0706, 0.4036, 0.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 165, 143) }
```

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

```
.background{ background-color: rgb(238,  
165, 143) }
```

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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