

Converting Colors

$Y_{xy}(49.3036, 0.4110, 0.3480)$

Have a look what the booklet for
Yxy(49.3036, 0.4110, 0.3480)
contains.

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Color

Yxy(49.3408, 0.4108, 0.3486)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FAA593 |
| RGB | 250, 165, 147 |
| RGB Percent | 98%, 65%, 58% |
| CMY | 0.0196, 0.3529, 0.4236 |
| CMYK | 0.00, 0.34, 0.41, 0.02 |
| HSL | 10°, 91%, 78% |
| HSV | 10°, 41%, 98% |
| XYZ | 58.1446, 49.3408, 34.0545 |
| YIQ | 188.3630, 56.4380, 12.4220 |

Conversions

Conversions Part 2

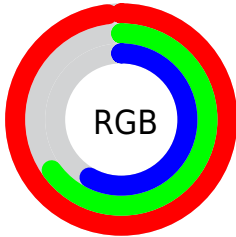
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 250, 169, 147 |
| Decimal | 16426387 |
| CIE Lab | 75.66, 29.35, 22.28 |
| CIE LCh | 76, 36.850, 37.202 |
| Yxy | 49.3408, 0.4108, 0.3486 |
| Android (android.graphics.Color) | 4294616467 (0xFFFAA593) |
| YUV | 188.3630, -20.3920, 54.0556 |
| Hunter-Lab | 70.2430, 24.8305, 20.4257 |

Details

The Yxy color **49.3408, 0.4108, 0.3486** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.8009, 0.2528, 0.3079**, and the grayscale version is **50.6015, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1899, 0.3515, 0.3494**, and **23.5092, 0.4390, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **41.7914, 0.4472, 0.3528**, and if you desaturate by 10%, it is **58.2654, 0.3797, 0.3438**.

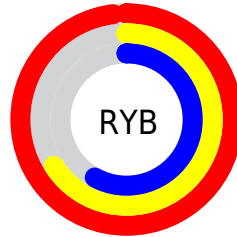
Distribution



Red (98%)

Green (65%)

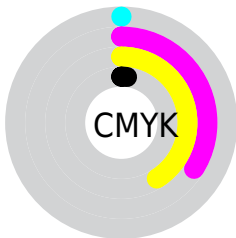
Blue (58%)



Red (98%)

Yellow (66%)

Blue (58%)

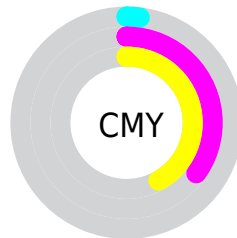


Cyan (0%)

Magenta (34%)

Yellow (41%)

Black (2%)



Cyan (2%)

Magenta (35%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3408, 0.4108, 0.3486 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 49.3408, 0.4108, 0.3486 by changing the saturation by 10% instead.


 49.3408, 0.4108,
0.3486


 49.3408, 0.4108,
0.3486


384.0824, 0.3618,
0.3408

 34.8899, 0.4229,
0.3499


 89.1974, 0.3931,
0.3463

 23.5781, 0.4383,
0.3512


 115.3719, 0.3864,
0.3452

 15.0209, 0.4584,
0.3522


146.2231, 0.3807,
0.3443

 8.8341, 0.4857,
0.3525

182.1353, 0.3758,
0.3435

 4.6331, 0.5244,
0.3504

223.4929, 0.3716,
0.3427

 2.0337, 0.5946,
0.3487

270.6804, 0.3679,

 0.6269, 0.6915,

0.3420

0.3085

324.0821, 0.3647,
0.3414

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.3408, 0.4108,
0.3486

49.3408, 0.4108,
0.3486

41.7914, 0.4472,
0.3528

58.2654, 0.3797,
0.3438

35.5414, 0.4881,
0.3558

68.6216, 0.3537,
0.3388

30.5185, 0.5311,
0.3565

80.4715, 0.3322,
0.3340

26.6405, 0.5717,
0.3543

93.8714, 0.3146,
0.3295

■ 23.8143, 0.6047,
0.3488

■ 99.0639, 0.3096,
0.3290

■ 22.1066, 0.6244,
0.3424

Harmonies

Analogous

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



49.3408, 0.3831, 0.3091



49.3408, 0.4108, 0.3486



49.3408, 0.4092, 0.3870

Triad

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



49.3408, 0.4108, 0.3486



49.3408, 0.2851, 0.3929



49.3408, 0.2450, 0.2489

Complementary

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



49.3408, 0.4108, 0.3486



70.8009, 0.2528, 0.3079

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.



49.3408, 0.2237, 0.2629



49.3408, 0.4108, 0.3486



49.3408, 0.2451, 0.3451

Square

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



49.3408, 0.4108, 0.3486



49.3408, 0.3346, 0.4190



49.3408, 0.2236, 0.2966



49.3408, 0.2847, 0.2541

Rectangle

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



49.3408, 0.4108, 0.3486



49.3408, 0.3925, 0.4073



49.3408, 0.2236, 0.2966



49.3408, 0.2357, 0.2514

Sweetspot

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



49.3432, 0.4108, 0.3486



83.1208, 0.3338, 0.3344



47.0589, 0.3323, 0.2423



17.4285, 0.3364, 0.3350



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.



49.3432, 0.4108, 0.3486



45.3021, 0.4389, 0.3520



71.3677, 0.3880, 0.4004



17.7161, 0.3290, 0.3332



11.8694, 0.6222, 0.3442



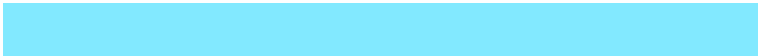
1.2312, 0.6014, 0.3607

Inverse Universe

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



70.8009, 0.2528, 0.3079



70.3239, 0.2433, 0.3032



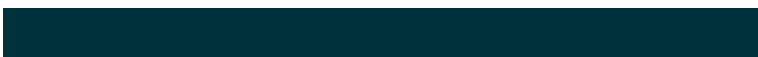
46.2816, 0.2426, 0.2447



19.0614, 0.2980, 0.3247



27.3304, 0.2089, 0.2721



2.6624, 0.2110, 0.2796

Previews

White Background



This preview shows how the Yxy color 49.3408, 0.4108, 0.3486 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 49.3408, 0.4108, 0.3486 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 49.3408, 0.4108, 0.3486

Background



This preview shows how black text looks on a background with the Yxy color 49.3408, 0.4108, 0.3486.

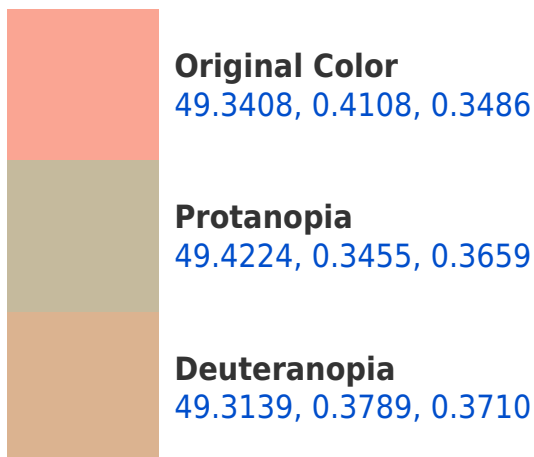


This preview shows how white text looks on a background with the Yxy color 49.3408, 0.4108, 0.3486.

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





Tritanopia

49.2023, 0.3887, 0.3165

Trichromacy



Original Color

49.3408, 0.4108, 0.3486

Protanomaly

48.7396, 0.3685, 0.3593

Deuteranomaly

49.1394, 0.3902, 0.3626

Tritanomaly

49.0302, 0.3963, 0.3271

Monochromacy



Original Color

49.3408, 0.4108, 0.3486

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.5085, 0.3459, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3408, 0.4108, 0.3486 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(250, 165, 147)` looks like.

```
.text, #text, p{  
    color:rgb(250, 165, 147)  
}
```

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(250, 165, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 165, 147) }
```

Border

The CSS property to change the border of an element to Yxy 49.3408, 0.4108, 0.3486 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(250, 165, 147) }
```

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

```
.border{ border-color:rgb(250, 165, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 165, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 165, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 165, 147);  
box-shadow:4px 4px 4px 4px rgb(250, 165,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3408, 0.4108, 0.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 165, 147) }
```

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

```
.background{ background-color: rgb(250,  
165, 147) }
```

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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