

Converting Colors

Yxy(49.5328, 0.4200, 0.3606)

Have a look what the booklet for
Yxy(49.5328, 0.4200, 0.3606)
contains.

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Color

Yxy(49.4026, 0.4198, 0.3602)

Conversions

Conversions Part 1

Format	Color
Hex	FAA689
RGB	250, 166, 137
RGB Percent	98%, 65%, 54%
CMY	0.0196, 0.3490, 0.4627
CMYK	0.00, 0.34, 0.45, 0.02
HSL	15°, 92%, 76%
HSV	15°, 45%, 98%
XYZ	57.5769, 49.4026, 30.1737
YIQ	187.8100, 59.3730, 8.7890

Conversions

Conversions Part 2

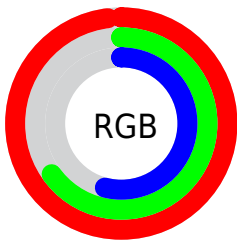
Format	Color
R _Y B	250, 176, 137
Decimal	16426633
CIE Lab	75.70, 27.80, 27.71
CIE LCh	76, 39.254, 44.909
Yxy	49.4026, 0.4198, 0.3602
Android (android.graphics.Color)	4294616713 (0xFFFAA689)
YUV	187.8100, -25.0493, 54.5406
Hunter-Lab	70.2870, 23.2195, 23.7481

Details

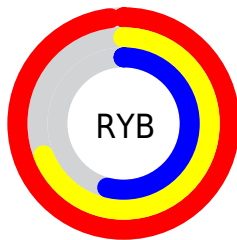
The Yxy color **49.4026, 0.4198, 0.3602** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.9410, 0.2459, 0.2942**, and the grayscale version is **50.2976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2641, 0.3584, 0.3607**, and **23.5747, 0.4498, 0.3643** is the 20% darker color. If you saturate the color by 10%, you get **42.4925, 0.4552, 0.3660**, and if you desaturate by 10%, it is **57.4603, 0.3887, 0.3533**.

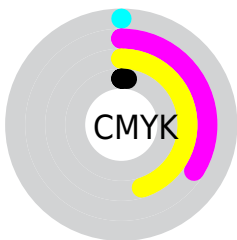
Distribution



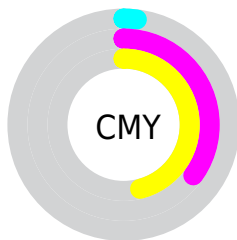
- Red (98%)
- Green (65%)
- Blue (54%)



- Red (98%)
- Yellow (69%)
- Blue (54%)



- Cyan (0%)
- Magenta (34%)
- Yellow (45%)
- Black (2%)





- Cyan (2%)
- Magenta (35%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.4026, 0.4198, 0.3602 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 49.4026, 0.4198, 0.3602 by changing the saturation by 10% instead.


 49.4026, 0.4198,
0.3602


 49.4026, 0.4198,
0.3602


384.3251, 0.3664,
0.3472


 34.9390, 0.4328,
0.3626


 89.2891, 0.4006,
0.3561

 23.6159, 0.4493,
0.3651


 115.4808, 0.3933,
0.3544

 15.0489, 0.4707,
0.3675


 146.3505, 0.3871,
0.3529

 8.8537, 0.4993,
0.3692

182.2828, 0.3818,
0.3515

 4.6459, 0.5388,
0.3682

223.6621, 0.3772,
0.3503

 2.0410, 0.6236,
0.3764

270.8726, 0.3732,

 0.6311, 0.6828,

0.3491

0.3172

324.2988, 0.3696,
0.3481

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.4026, 0.4198,
0.3602

49.4026, 0.4198,
0.3602

42.4925, 0.4552,
0.3660

57.4603, 0.3887,
0.3533

36.6692, 0.4939,
0.3698

66.7080, 0.3621,
0.3461

31.8775, 0.5333,
0.3704

77.1948, 0.3398,
0.3390

28.0537, 0.5695,
0.3668

88.9648, 0.3211,
0.3323

■ 25.1258, 0.5983,
0.3590

■ 99.0640, 0.3096,
0.3290

■ 24.0070, 0.6093,
0.3544

Harmonies

Analogous

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



49.4026, 0.3979, 0.3180



49.4026, 0.4198, 0.3602



49.4026, 0.4097, 0.3993

Triad

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



49.4026, 0.4198, 0.3602



49.4026, 0.2708, 0.3856



49.4026, 0.2500, 0.2439

Complementary

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



49.4026, 0.4198, 0.3602



63.9410, 0.2459, 0.2942

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.



49.4026, 0.2223, 0.2530



49.4026, 0.4198, 0.3602



49.4026, 0.2330, 0.3319

Square

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



49.4026, 0.4198, 0.3602



49.4026, 0.3220, 0.4213



49.4026, 0.2163, 0.2832



49.4026, 0.2960, 0.2541

Rectangle

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



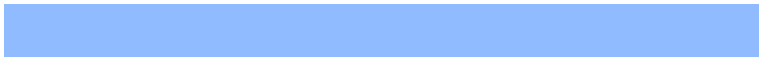
49.4026, 0.4198, 0.3602



49.4026, 0.3875, 0.4183



49.4026, 0.2163, 0.2832



49.4026, 0.2385, 0.2446

Sweetspot

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



49.4050, 0.4198, 0.3602



82.1303, 0.3374, 0.3382



43.4809, 0.3435, 0.2428



17.0408, 0.3418, 0.3397



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.



49.4050, 0.4198, 0.3602



45.2130, 0.4510, 0.3654



74.2428, 0.3920, 0.4158



17.9490, 0.3288, 0.3352



12.9285, 0.6065, 0.3566



1.3603, 0.5836, 0.3748

Inverse Universe

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



63.9410, 0.2459, 0.2942



62.0360, 0.2349, 0.2861



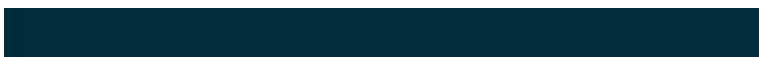
39.2271, 0.2332, 0.2227



18.8104, 0.2980, 0.3228



22.5006, 0.2010, 0.2435



2.2541, 0.2042, 0.2549

Previews

White Background



This preview shows how the Yxy color 49.4026, 0.4198, 0.3602 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 49.4026, 0.4198, 0.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

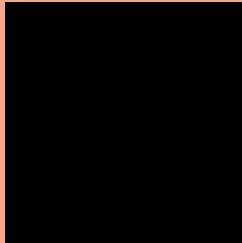
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.4026, 0.4198, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 49.4026, 0.4198, 0.3602.



This preview shows how white text looks on a background with the Yxy color 49.4026, 0.4198, 0.3602.

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

49.4026, 0.4198, 0.3602

Protanopia

49.7581, 0.3561, 0.3809

Deuteranopia

49.5191, 0.3895, 0.3811



Tritanopia

49.3895, 0.3896, 0.3165

Trichromacy



Original Color

49.4026, 0.4198, 0.3602

Protanomaly

49.1288, 0.3789, 0.3723

Deuteranomaly

49.2055, 0.4002, 0.3726

Tritanomaly

49.4279, 0.4008, 0.3325

Monochromacy



Original Color

49.4026, 0.4198, 0.3602

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.3560, 0.3494, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4026, 0.4198, 0.3602 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, 166, 137)` looks like.

```
.text, #text, p{  
    color:rgb(250, 166, 137)  
}
```

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, 166, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 166, 137) }
```

Border

The CSS property to change the border of an element to Yxy 49.4026, 0.4198, 0.3602 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, 166, 137) }
```

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

```
.border{ border-color:rgb(250, 166, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 166, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 166, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 166, 137);  
box-shadow:4px 4px 4px 4px rgb(250, 166,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4026, 0.4198, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 166, 137) }
```

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

```
.background{ background-color: rgb(250,  
166, 137) }
```

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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