

Converting Colors

$Y_{xy}(44.9079, 0.4300, 0.3643)$

Have a look what the booklet for
Yxy(44.9079, 0.4300, 0.3643)
contains.

Yxy(44.8277, 0.4309, 0.3640)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.8277, 0.4309, 0.3640)

Conversions

Conversions Part 1

Format	Color
Hex	F49D7D
RGB	244, 157, 125
RGB Percent	96%, 62%, 49%
CMY	0.0431, 0.3843, 0.5098
CMYK	0.00, 0.36, 0.49, 0.04
HSL	16°, 84%, 72%
HSV	16°, 49%, 96%
XYZ	53.0666, 44.8277, 25.2587
YIQ	179.3650, 62.1240, 8.4920

Conversions

Conversions Part 2

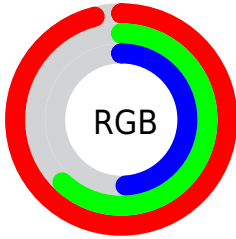
Format	Color
R_{YB}	244, 169, 125
Decimal	16031101
CIE _{Lab}	72.78, 29.05, 30.18
CIE _{LCh}	73, 41.888, 46.089
Yxy	44.8277, 0.4309, 0.3640
Android (android.graphics.Color)	4294221181 (0xFFFF49D7D)
YUV	179.3650, -26.8019, 56.6849
Hunter-Lab	66.9535, 24.3086, 24.4999

Details

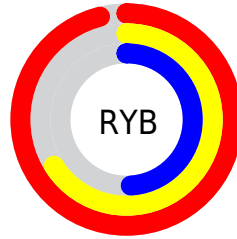
The Yxy color **44.8277, 0.4309, 0.3640** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **57.9765, 0.2410, 0.2891**, and the grayscale version is **45.4067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.5613, 0.3706, 0.3642**, and **20.9392, 0.4642, 0.3687** is the 20% darker color. If you saturate the color by 10%, you get **38.6790, 0.4671, 0.3695**, and if you desaturate by 10%, it is **52.0152, 0.3986, 0.3571**.

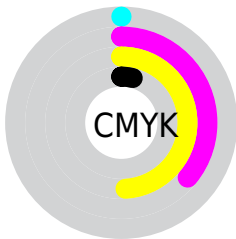
Distribution



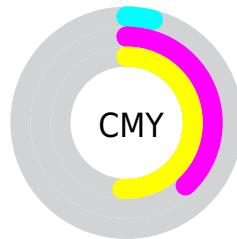
- Red (96%)
- Green (62%)
- Blue (49%)



- Red (96%)
- Yellow (66%)
- Blue (49%)



- Cyan (0%)
- Magenta (36%)
- Yellow (49%)
- Black (4%)



- Cyan (4%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8277, 0.4309, 0.3640 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 44.8277, 0.4309, 0.3640 by changing the saturation by 10% instead.


 44.8277, 0.4309,
0.3640

 44.8277, 0.4309,
0.3640


366.0753, 0.3712,
0.3495


 31.3217, 0.4457,
0.3665


 82.4618, 0.4092,
0.3595

 20.8440, 0.4644,
0.3691


 107.3587, 0.4011,
0.3576

 13.0100, 0.4887,
0.3713


 136.8214, 0.3942,
0.3559

 7.4354, 0.5213,
0.3720

171.2343, 0.3882,
0.3543

 3.7359, 0.5678,
0.3694

210.9817, 0.3831,
0.3529

 1.5269, 0.6412,
0.3588

256.4481, 0.3786,

 0.3076, 0.7669,

0.3517

0.2331

308.0178, 0.3747,
0.3505

0.0000, 0.0000,
0.0000

44.8277, 0.4309,
0.3640

44.8277, 0.4309,
0.3640

38.6790, 0.4671,
0.3695

52.0152, 0.3986,
0.3571

33.5130, 0.5058,
0.3726

60.2808, 0.3708,
0.3496

29.2781, 0.5440,
0.3719

69.6698, 0.3472,
0.3421

25.9147, 0.5777,
0.3669

80.2229, 0.3274,
0.3349

23.3518, 0.6035,
0.3579

91.9787, 0.3108,
0.3282

■ 23.0852, 0.6063,
0.3568

■ 97.9728, 0.3060,
0.3290

Harmonies

Analogous

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



44.8277, 0.4083, 0.3182



44.8277, 0.4309, 0.3640



44.8277, 0.4179, 0.4067

Triad

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



44.8277, 0.4309, 0.3640



44.8277, 0.2644, 0.3897



44.8277, 0.2456, 0.2362

Complementary

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



44.8277, 0.4309, 0.3640



57.9765, 0.2410, 0.2891

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.



44.8277, 0.2148, 0.2448



44.8277, 0.4309, 0.3640



44.8277, 0.2242, 0.3293

Square

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



44.8277, 0.4309, 0.3640



44.8277, 0.3199, 0.4307



44.8277, 0.2073, 0.2764



44.8277, 0.2964, 0.2483

Rectangle

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



44.8277, 0.4309, 0.3640



44.8277, 0.3926, 0.4278



44.8277, 0.2073, 0.2764



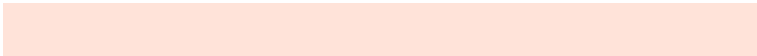
44.8277, 0.2329, 0.2367

Sweetspot

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



44.8299, 0.4309, 0.3640



81.2153, 0.3394, 0.3394



38.6680, 0.3488, 0.2384



16.8696, 0.3437, 0.3409



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.



44.8299, 0.4309, 0.3640



42.5254, 0.4685, 0.3697



69.9448, 0.3977, 0.4239



17.2075, 0.3287, 0.3354



12.7446, 0.6036, 0.3590



1.2831, 0.5793, 0.3783

Inverse Universe

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



57.9765, 0.2410, 0.2891



58.5615, 0.2287, 0.2789



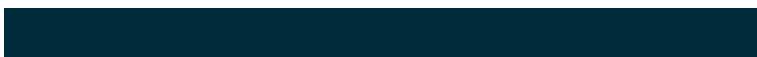
33.5989, 0.2260, 0.2101



17.9597, 0.2980, 0.3225



21.1840, 0.1998, 0.2392



2.0309, 0.2033, 0.2518

Previews

White Background



This preview shows how the Yxy color 44.8277, 0.4309, 0.3640 looks on a white background.

Color Contrast Check

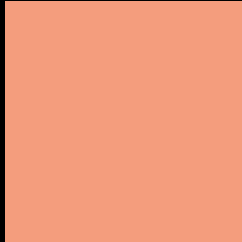
Large Text (above 18pt) WCAG AA × Fail

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 44.8277, 0.4309, 0.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

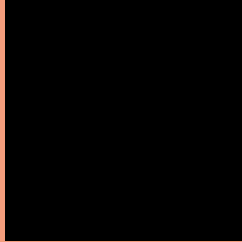
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8277, 0.4309, 0.3640

Background



This preview shows how black text looks on a background with the Yxy color 44.8277, 0.4309, 0.3640.



This preview shows how white text looks on a background with the Yxy color 44.8277, 0.4309, 0.3640.

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

44.8277, 0.4309, 0.3640

Protanopia

45.1679, 0.3623, 0.3881

Deuteranopia

44.8271, 0.3973, 0.3888



Tritanopia

44.8750, 0.3974, 0.3173

Trichromacy



Original Color

44.8277, 0.4309, 0.3640

Protanomaly

44.6134, 0.3864, 0.3787

Deuteranomaly

44.7100, 0.4097, 0.3795

Tritanomaly

44.8740, 0.4102, 0.3347

Monochromacy



Original Color

44.8277, 0.4309, 0.3640

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.3255, 0.3530, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8277, 0.4309, 0.3640 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(244, 157, 125)` looks like.

```
.text, #text, p{  
    color:rgb(244, 157, 125)  
}
```

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(244, 157, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 157, 125) }
```

Border

The CSS property to change the border of an element to Yxy 44.8277, 0.4309, 0.3640 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(244, 157, 125) }
```

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

```
.border{ border-color:rgb(244, 157, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 157, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 157, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 157, 125);  
box-shadow:4px 4px 4px 4px rgb(244, 157,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8277, 0.4309, 0.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 157, 125) }
```

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

```
.background{ background-color: rgb(244,  
157, 125) }
```

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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