

Converting Colors

$Yxy(48.7626, 0.3993, 0.3556)$

Have a look what the booklet for
Yxy(48.7626, 0.3993, 0.3556)
contains.

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Color

Yxy(48.6284, 0.3989, 0.3550)

Conversions

Conversions Part 1

Format	Color
Hex	EEA992
RGB	238, 169, 146
RGB Percent	93%, 66%, 57%
CMY	0.0666, 0.3373, 0.4273
CMYK	0.00, 0.29, 0.39, 0.07
HSL	15°, 73%, 75%
HSV	15°, 39%, 93%
XYZ	54.6419, 48.6284, 33.7111
YIQ	187.0090, 48.5070, 7.4750

Conversions

Conversions Part 2

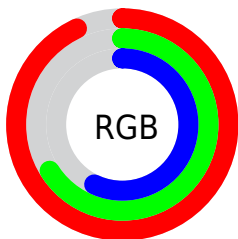
Format	Color
R _Y B	238, 177, 146
Decimal	15640978
CIE Lab	75.22, 22.56, 21.97
CIE LCh	75, 31.495, 44.243
Yxy	48.6284, 0.3989, 0.3550
Android (android.graphics.Color)	4293831058 (0xFFEEA992)
YUV	187.0090, -20.2174, 44.7191
Hunter-Lab	69.7341, 17.8336, 20.1516

Details

The Yxy color **48.6284, 0.3989, 0.3550** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.9127, 0.2549, 0.3009**, and the grayscale version is **49.7977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2806, 0.3514, 0.3544**, and **23.2521, 0.4233, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **41.7683, 0.4316, 0.3614**, and if you desaturate by 10%, it is **56.5549, 0.3708, 0.3481**.

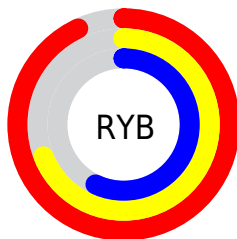
Distribution



Red (93%)

Green (66%)

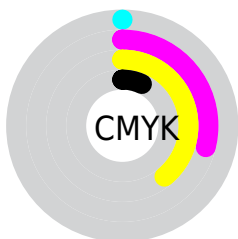
Blue (57%)



Red (93%)

Yellow (69%)

Blue (57%)

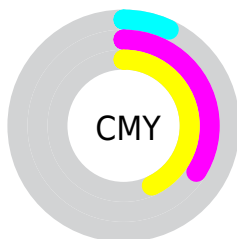


Cyan (0%)

Magenta (29%)

Yellow (39%)

Black (7%)



Cyan (7%)


Magenta (34%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.6284, 0.3989, 0.3550 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 48.6284, 0.3989, 0.3550 by changing the saturation by 10% instead.


 48.6284, 0.3989,
0.3550


 48.6284, 0.3989,
0.3550

381.2776, 0.3557,
0.3436

 34.3248, 0.4096,
0.3573


 88.1393, 0.3833,
0.3513

 23.1432, 0.4232,
0.3599


 114.1154, 0.3774,
0.3497

 14.6993, 0.4411,
0.3628


144.7511, 0.3724,
0.3484

 8.6086, 0.4655,
0.3657

180.4308, 0.3681,
0.3472

 4.4868, 0.5003,
0.3677

221.5389, 0.3644,
0.3462

 1.9494, 0.5675,
0.3751

268.4598, 0.3611,

 0.5778, 0.6611,

0.3452

0.3389

321.5779, 0.3583,
0.3444

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.6284, 0.3989,
0.3550

48.6284, 0.3989,
0.3550

41.7683, 0.4316,
0.3614

56.5549, 0.3708,
0.3481

35.9215, 0.4685,
0.3665

65.5842, 0.3470,
0.3411

31.0404, 0.5079,
0.3692

75.7593, 0.3272,
0.3344

27.0710, 0.5469,
0.3684

87.1189, 0.3107,
0.3282

■ 23.9532, 0.5813,
0.3634

■ 96.9200, 0.3023,
0.3290

■ 21.6154, 0.6072,
0.3548

■ 21.3523, 0.6103,
0.3536

Harmonies

Analogous

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



48.6284, 0.3806, 0.3200



48.6284, 0.3989, 0.3550



48.6284, 0.3920, 0.3866

Triad

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



48.6284, 0.3989, 0.3550



48.6284, 0.2801, 0.3748



48.6284, 0.2610, 0.2590

Complementary

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



48.6284, 0.3989, 0.3550



60.9127, 0.2549, 0.3009

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.



48.6284, 0.2381, 0.2676



48.6284, 0.3989, 0.3550



48.6284, 0.2483, 0.3329

Square

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



48.6284, 0.3989, 0.3550



48.6284, 0.3220, 0.4026



48.6284, 0.2336, 0.2934



48.6284, 0.2986, 0.2669

Rectangle

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



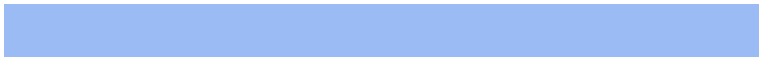
48.6284, 0.3989, 0.3550



48.6284, 0.3747, 0.4013



48.6284, 0.2336, 0.2934



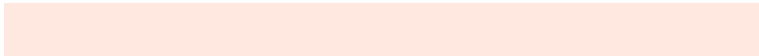
48.6284, 0.2514, 0.2599

Sweetspot

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



48.6307, 0.3989, 0.3550



84.3996, 0.3335, 0.3366



43.7328, 0.3364, 0.2536



17.7275, 0.3361, 0.3375



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.



48.6307, 0.3989, 0.3550



50.7196, 0.4231, 0.3599



68.0895, 0.3800, 0.4019



16.4000, 0.3287, 0.3350



12.0828, 0.6077, 0.3557



1.1579, 0.5822, 0.3759

Inverse Universe

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



60.9127, 0.2549, 0.3009



66.8335, 0.2449, 0.2944



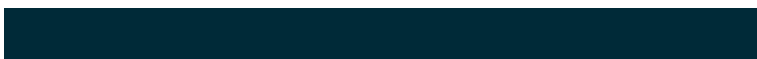
41.2466, 0.2462, 0.2431



17.2215, 0.2981, 0.3230



21.5512, 0.2017, 0.2461



1.9490, 0.2051, 0.2583

Previews

White Background



This preview shows how the Yxy color 48.6284, 0.3989, 0.3550 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 48.6284, 0.3989, 0.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

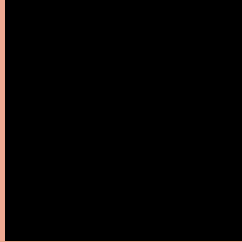
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6284, 0.3989, 0.3550

Background



This preview shows how black text looks on a background with the Yxy color 48.6284, 0.3989, 0.3550.



This preview shows how white text looks on a background with the Yxy color 48.6284, 0.3989, 0.3550.

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

48.6284, 0.3989, 0.3550

Protanopia

48.7668, 0.3474, 0.3687

Deuteranopia

48.6061, 0.3774, 0.3701



Tritanopia

48.7854, 0.3734, 0.3159

Trichromacy



Original Color

48.6284, 0.3989, 0.3550

Protanomaly

48.3234, 0.3654, 0.3635

Deuteranomaly

48.7118, 0.3852, 0.3644

Tritanomaly

48.5509, 0.3828, 0.3292

Monochromacy



Original Color

48.6284, 0.3989, 0.3550

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.7429, 0.3423, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6284, 0.3989, 0.3550 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, 169, 146)` looks like.

```
.text, #text, p{  
    color:rgb(238, 169, 146)  
}
```

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, 169, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 169, 146) }
```

Border

The CSS property to change the border of an element to Yxy 48.6284, 0.3989, 0.3550 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, 169, 146) }
```

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

```
.border{ border-color:rgb(238, 169, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 169, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 169, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 169, 146);  
box-shadow:4px 4px 4px 4px rgb(238, 169,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6284, 0.3989, 0.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 169, 146) }
```

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

```
.background{ background-color: rgb(238,  
169, 146) }
```

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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