

Converting Colors

$Yxy(49.6537, 0.3794, 0.3559)$

Have a look what the booklet for
Yxy(49.6537, 0.3794, 0.3559)
contains.

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Color

Yxy(49.6815, 0.3794, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	E3B099
RGB	227, 176, 153
RGB Percent	89%, 69%, 60%
CMY	0.1099, 0.3097, 0.4001
CMYK	0.00, 0.22, 0.33, 0.11
HSL	19°, 57%, 75%
HSV	19°, 33%, 89%
XYZ	52.9471, 49.6815, 36.9262
YIQ	188.6270, 37.7790, 3.6590

Conversions

Conversions Part 2

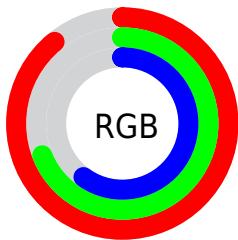
Format	Color
R _Y B	227, 186, 153
Decimal	14921881
CIE Lab	75.87, 15.40, 18.93
CIE LCh	76, 24.403, 50.869
Yxy	49.6815, 0.3794, 0.3560
Android (android.graphics.Color)	4293111961 (0xFFE3B099)
YUV	188.6270, -17.5641, 33.6531
Hunter-Lab	70.4851, 10.7369, 18.2783

Details

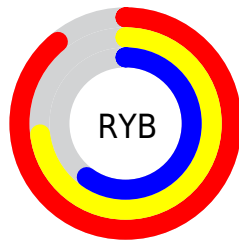
The Yxy color **49.6815, 0.3794, 0.3560** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.4726, 0.2628, 0.3001**, and the grayscale version is **50.7505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4782, 0.3452, 0.3542**, and **23.6713, 0.3979, 0.3614** is the 20% darker color. If you saturate the color by 10%, you get **43.2221, 0.4078, 0.3645**, and if you desaturate by 10%, it is **56.9942, 0.3550, 0.3474**.

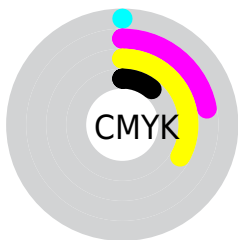
Distribution



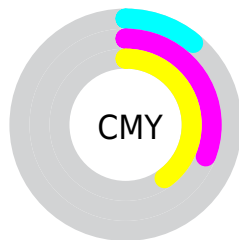
- Red (89%)
- Green (69%)
- Blue (60%)



- Red (89%)
- Yellow (73%)
- Blue (60%)



- Cyan (0%)
- Magenta (22%)
- Yellow (33%)
- Black (11%)





- Cyan (11%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.6815, 0.3794, 0.3560 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 49.6815, 0.3794, 0.3560 by changing the saturation by 10% instead.

 49.6815, 0.3794,
0.3560


 49.6815, 0.3794,
0.3560


385.4191, 0.3461,
0.3435

 35.1604, 0.3876,
0.3588


 89.7028, 0.3674,
0.3517

 23.7865, 0.3981,
0.3621


 115.9718, 0.3628,
0.3500

 15.1753, 0.4119,
0.3662

146.9255, 0.3590,
0.3486

 8.9425, 0.4308,
0.3712

182.9484, 0.3557,
0.3473

 4.7037, 0.4581,
0.3770

224.4248, 0.3528,
0.3462

 2.0745, 0.5044,
0.3859

271.7391, 0.3503,

 0.6502, 0.6068,

0.3452

0.3932

325.2757, 0.3481,
0.3443

0.0000, 0.0000,
0.0000

49.6815, 0.3794,
0.3560

49.6815, 0.3794,
0.3560

43.2221, 0.4078,
0.3645

56.9942, 0.3550,
0.3474

37.5769, 0.4400,
0.3720

65.1832, 0.3343,
0.3389

32.7142, 0.4754,
0.3778

74.2796, 0.3168,
0.3310

28.5973, 0.5122,
0.3804

84.3106, 0.3021,
0.3236

25.1862, 0.5474,
0.3788

94.5415, 0.2958,
0.3281

■ 22.4362, 0.5776,
0.3723

■ 95.0674, 0.2958,
0.3290

■ 20.7912, 0.5956,
0.3653

Harmonies

Analogous

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



49.6815, 0.3694, 0.3286



49.6815, 0.3794, 0.3560



49.6815, 0.3704, 0.3785

Triad

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



49.6815, 0.3794, 0.3560



49.6815, 0.2814, 0.3574



49.6815, 0.2784, 0.2744

Complementary

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



49.6815, 0.3794, 0.3560



55.4726, 0.2628, 0.3001

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.



49.6815, 0.2572, 0.2787



49.6815, 0.3794, 0.3560



49.6815, 0.2588, 0.3253

Square

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



49.6815, 0.3794, 0.3560



49.6815, 0.3130, 0.3814



49.6815, 0.2503, 0.2966



49.6815, 0.3096, 0.2832

Rectangle

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



49.6815, 0.3794, 0.3560



49.6815, 0.3552, 0.3871



49.6815, 0.2503, 0.2966



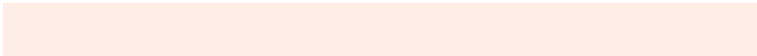
49.6815, 0.2699, 0.2743

Sweetspot

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



49.6838, 0.3794, 0.3560



87.7679, 0.3296, 0.3369



43.5001, 0.3363, 0.2707



18.4388, 0.3322, 0.3380



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.



49.6838, 0.3794, 0.3560



58.9786, 0.3978, 0.3617



65.8028, 0.3666, 0.3954



15.0963, 0.3285, 0.3364



12.3112, 0.5929, 0.3674



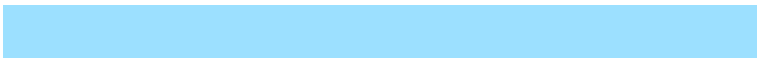
1.0708, 0.5643, 0.3901

Inverse Universe

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



55.4726, 0.2628, 0.3001



67.5753, 0.2531, 0.2932



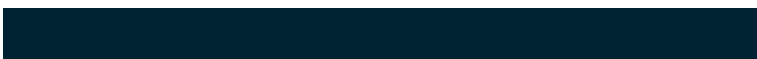
40.2388, 0.2568, 0.2523



15.5396, 0.2981, 0.3215



17.3827, 0.1957, 0.2243



1.4483, 0.2004, 0.2414

Previews

White Background



This preview shows how the Yxy color 49.6815, 0.3794, 0.3560 looks on a white background.

Color Contrast Check

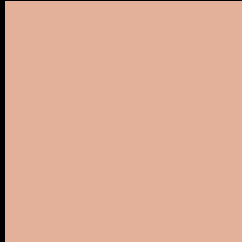
Large Text (above 18pt) WCAG AA × Fail

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 49.6815, 0.3794, 0.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

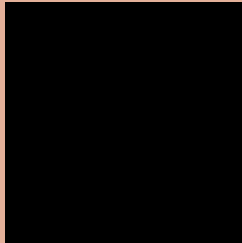
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.6815, 0.3794, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 49.6815, 0.3794, 0.3560.



This preview shows how white text looks on a background with the Yxy color 49.6815, 0.3794, 0.3560.

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

49.6815, 0.3794, 0.3560

Protanopia

49.8796, 0.3445, 0.3658

Deuteranopia

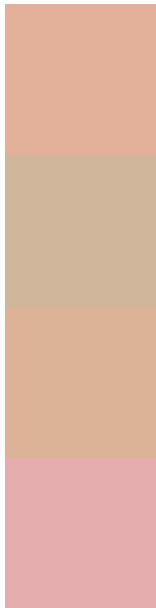
49.6612, 0.3697, 0.3628



Tritanopia

49.4516, 0.3544, 0.3132

Trichromacy



Original Color

49.6815, 0.3794, 0.3560

Protanomaly

49.6772, 0.3571, 0.3624

Deuteranomaly

49.8793, 0.3737, 0.3612

Tritanomaly

49.5623, 0.3639, 0.3292

Monochromacy



Original Color

49.6815, 0.3794, 0.3560

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.1121, 0.3355, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6815, 0.3794, 0.3560 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(227, 176, 153)` looks like.

```
.text, #text, p{  
    color:rgb(227, 176, 153)  
}
```

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(227, 176, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 176, 153) }
```

Border

The CSS property to change the border of an element to Yxy 49.6815, 0.3794, 0.3560 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(227, 176, 153) }
```

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

```
.border{ border-color:rgb(227, 176, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 176, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 176, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 176, 153);  
box-shadow:4px 4px 4px 4px rgb(227, 176,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6815, 0.3794, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 176, 153) }
```

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

```
.background{ background-color: rgb(227,  
176, 153) }
```

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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