

Converting Colors

$Y_{xy}(49.3272, 0.3737, 0.3503)$

Have a look what the booklet for
Yxy(49.3272, 0.3737, 0.3503)
contains.

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Color

Yxy(49.4925, 0.3739, 0.3514)

Conversions

Conversions Part 1

Format	Color
Hex	E1B09D
RGB	225, 176, 157
RGB Percent	88%, 69%, 62%
CMY	0.1177, 0.3098, 0.3842
CMYK	0.00, 0.22, 0.30, 0.12
HSL	17°, 53%, 75%
HSV	17°, 30%, 88%
XYZ	52.6615, 49.4925, 38.6898
YIQ	188.4850, 35.3030, 4.4790

Conversions

Conversions Part 2

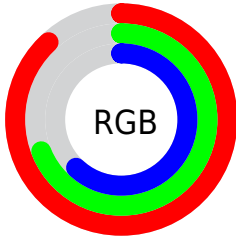
Format	Color
R _Y B	225, 183, 157
Decimal	14790813
CIE Lab	75.76, 15.16, 16.54
CIE LCh	76, 22.440, 47.493
Yxy	49.4925, 0.3739, 0.3514
Android (android.graphics.Color)	4292980893 (0xFFE1B09D)
YUV	188.4850, -15.5221, 32.0237
Hunter-Lab	70.3509, 10.5029, 16.6388

Details

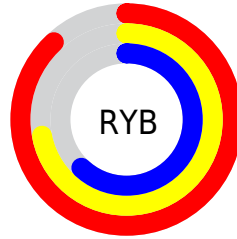
The Yxy color **49.4925, 0.3739, 0.3514** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.7549, 0.2667, 0.3053**, and the grayscale version is **50.6566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7267, 0.3418, 0.3491**, and **23.6415, 0.3916, 0.3554** is the 20% darker color. If you saturate the color by 10%, you get **42.8112, 0.4020, 0.3591**, and if you desaturate by 10%, it is **57.0796, 0.3500, 0.3436**.

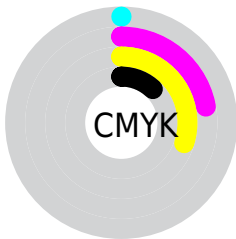
Distribution



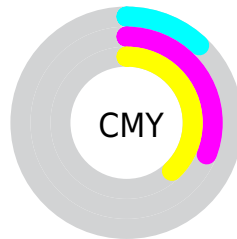
- Red (88%)
- Green (69%)
- Blue (62%)



- Red (88%)
- Yellow (72%)
- Blue (62%)



- Cyan (0%)
- Magenta (22%)
- Yellow (30%)
- Black (12%)





- Cyan (12%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.4925, 0.3739, 0.3514 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 49.4925, 0.3739, 0.3514 by changing the saturation by 10% instead.


 49.4925, 0.3739,
0.3514


 49.4925, 0.3739,
0.3514


384.6780, 0.3434,
0.3411

 35.0103, 0.3815,
0.3537


 89.4225, 0.3628,
0.3478

 23.6708, 0.3912,
0.3565


 115.6391, 0.3587,
0.3464

 15.0896, 0.4039,
0.3599


146.5359, 0.3551,
0.3452

 8.8823, 0.4216,
0.3641

182.4975, 0.3521,
0.3442

 4.6645, 0.4472,
0.3691

223.9080, 0.3495,
0.3433

 2.0518, 0.4889,
0.3753

271.1520, 0.3472,

 0.6373, 0.6067,

0.3424

0.3933

324.6139, 0.3452,
0.3417

0.0000, 0.0000,
0.0000

49.4925, 0.3739,
0.3514

49.4925, 0.3739,
0.3514

42.8112, 0.4020,
0.3591

57.0796, 0.3500,
0.3436

36.9944, 0.4343,
0.3661

65.5980, 0.3299,
0.3362

32.0077, 0.4703,
0.3716

75.0810, 0.3130,
0.3291

27.8114, 0.5085,
0.3745

85.5578, 0.2989,
0.3227

24.3628, 0.5458,
0.3735

94.7454, 0.2946,
0.3289

■ 21.6140, 0.5784,
0.3681

■ 19.5412, 0.6032,
0.3592

Harmonies

Analogous

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



49.4925, 0.3628, 0.3259



49.4925, 0.3739, 0.3514



49.4925, 0.3676, 0.3728

Triad

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



49.4925, 0.3739, 0.3514



49.4925, 0.2869, 0.3581



49.4925, 0.2783, 0.2783

Complementary

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



49.4925, 0.3739, 0.3514



56.7549, 0.2667, 0.3053

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.



49.4925, 0.2600, 0.2839



49.4925, 0.3739, 0.3514



49.4925, 0.2647, 0.3291

Square

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



49.4925, 0.3739, 0.3514



49.4925, 0.3166, 0.3787



49.4925, 0.2552, 0.3019



49.4925, 0.3064, 0.2851

Rectangle

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



49.4925, 0.3739, 0.3514



49.4925, 0.3547, 0.3816



49.4925, 0.2552, 0.3019



49.4925, 0.2709, 0.2787

Sweetspot

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



49.4948, 0.3739, 0.3514



88.5055, 0.3278, 0.3353



44.6289, 0.3321, 0.2727



18.5675, 0.3305, 0.3364



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.



49.4948, 0.3739, 0.3514



60.2355, 0.3904, 0.3561



64.1060, 0.3630, 0.3881



14.3205, 0.3285, 0.3356



11.4320, 0.6005, 0.3614



0.9409, 0.5700, 0.3856

Inverse Universe

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



56.7549, 0.2667, 0.3053



71.2688, 0.2579, 0.2998



42.4514, 0.2618, 0.2620



14.8914, 0.2982, 0.3223



18.2642, 0.1989, 0.2359



1.4145, 0.2033, 0.2520

Previews

White Background



This preview shows how the Yxy color 49.4925, 0.3739, 0.3514 looks on a white background.

Color Contrast Check

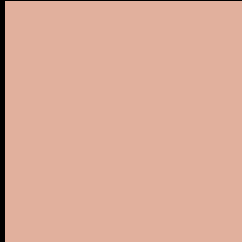
Large Text (above 18pt) WCAG AA × Fail

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 49.4925, 0.3739, 0.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

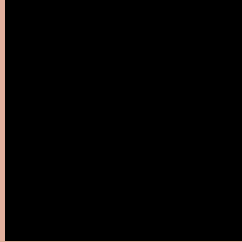
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.4925, 0.3739, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 49.4925, 0.3739, 0.3514.



This preview shows how white text looks on a background with the Yxy color 49.4925, 0.3739, 0.3514.

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

49.4925, 0.3739, 0.3514

Protanopia

49.4622, 0.3405, 0.3595

Deuteranopia

49.6417, 0.3652, 0.3580



Tritanopia

49.5018, 0.3523, 0.3142

Trichromacy



Original Color

49.4925, 0.3739, 0.3514

Protanomaly

49.2594, 0.3530, 0.3563

Deuteranomaly

49.7006, 0.3683, 0.3566

Tritanomaly

49.3132, 0.3603, 0.3268

Monochromacy



Original Color

49.4925, 0.3739, 0.3514

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.8728, 0.3329, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4925, 0.3739, 0.3514 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(225, 176, 157)` looks like.

```
.text, #text, p{  
    color:rgb(225, 176, 157)  
}
```

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(225, 176, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 176, 157) }
```

Border

The CSS property to change the border of an element to Yxy 49.4925, 0.3739, 0.3514 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(225, 176, 157) }
```

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

```
.border{ border-color:rgb(225, 176, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 176, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 176, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 176, 157);  
box-shadow:4px 4px 4px 4px rgb(225, 176,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4925, 0.3739, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 176, 157) }
```

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

```
.background{ background-color: rgb(225,  
176, 157) }
```

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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