

Converting Colors

$Yxy(49.3303, 0.3699, 0.3405)$

Have a look what the booklet for
Yxy(49.3303, 0.3699, 0.3405)
contains.

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Color

Yxy(49.2833, 0.3701, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	E3AEA4
RGB	227, 174, 164
RGB Percent	89%, 68%, 64%
CMY	0.1097, 0.3177, 0.3569
CMYK	0.00, 0.23, 0.28, 0.11
HSL	10°, 53%, 77%
HSV	10°, 28%, 89%
XYZ	53.5204, 49.2833, 41.8069
YIQ	188.7070, 34.7980, 8.1260

Conversions

Conversions Part 2

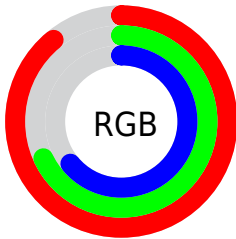
Format	Color
R _{YB}	227, 176, 164
Decimal	14921380
CIE Lab	75.63, 17.94, 12.61
CIE LCh	76, 21.931, 35.108
Yxy	49.2833, 0.3701, 0.3408
Android (android.graphics.Color)	4293111460 (0xFFE3AEA4)
YUV	188.7070, -12.1806, 33.5830
Hunter-Lab	70.2021, 13.2306, 13.8329

Details

The Yxy color $49.2833, 0.3701, 0.3408$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $63.0729, 0.2712, 0.3168$, and the grayscale version is $50.7704, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.9681, 0.3374, 0.3401$, and $23.3906, 0.3863, 0.3430$ is the 20% darker color. If you saturate the color by 10%, you get $41.6755, 0.3995, 0.3453$, and if you desaturate by 10%, it is $58.0912, 0.3457, 0.3364$.

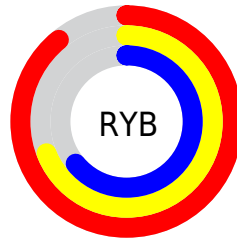
Distribution



Red (89%)

Green (68%)

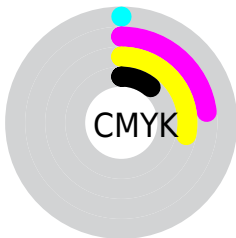
Blue (64%)



Red (89%)

Yellow (69%)

Blue (64%)

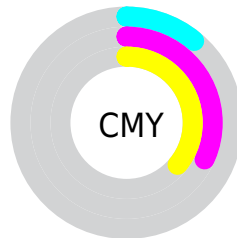


Cyan (0%)

Magenta (23%)

Yellow (28%)

Black (11%)



Cyan (11%)


Magenta (32%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.2833, 0.3701, 0.3408 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 49.2833, 0.3701, 0.3408 by changing the saturation by 10% instead.


 49.2833, 0.3701,
0.3408


 49.2833, 0.3701,
0.3408


383.8565, 0.3414,
0.3356

 34.8443, 0.3772,
0.3419


 89.1121, 0.3597,
0.3391

 23.5429, 0.3864,
0.3432


 115.2706, 0.3558,
0.3384

 14.9949, 0.3985,
0.3446


146.1044, 0.3525,
0.3378

 8.8158, 0.4153,
0.3463

181.9979, 0.3496,
0.3372

 4.6212, 0.4400,
0.3479

223.3355, 0.3472,
0.3367

 2.0268, 0.4796,
0.3482

270.5015, 0.3450,

 0.6230, 0.6264,

0.3363

0.3736

323.8804, 0.3431,
0.3359

0.0000, 0.0000,
0.0000

49.2833, 0.3701,
0.3408

49.2833, 0.3701,
0.3408

41.6755, 0.3995,
0.3453

58.0912, 0.3457,
0.3364

35.2091, 0.4343,
0.3493

68.1410, 0.3257,
0.3321

29.8308, 0.4741,
0.3525

79.4809, 0.3093,
0.3281

25.4800, 0.5171,
0.3539

92.1545, 0.2959,
0.3245

22.0906, 0.5595,
0.3528

95.0751, 0.2958,
0.3290

■ 19.5880, 0.5961,
0.3487

■ 17.8848, 0.6216,
0.3423

■ 17.5997, 0.6262,
0.3410

Harmonies

Analogous

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



49.2833, 0.3528, 0.3159



49.2833, 0.3701, 0.3408



49.2833, 0.3710, 0.3642

Triad

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



49.2833, 0.3701, 0.3408



49.2833, 0.2989, 0.3673



49.2833, 0.2702, 0.2801

Complementary

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



49.2833, 0.3701, 0.3408



63.0729, 0.2712, 0.3168

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.



49.2833, 0.2574, 0.2907



49.2833, 0.3701, 0.3408



49.2833, 0.2734, 0.3412

Square

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



49.2833, 0.3701, 0.3408



49.2833, 0.3290, 0.3816



49.2833, 0.2585, 0.3127



49.2833, 0.2944, 0.2818

Rectangle

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



49.2833, 0.3701, 0.3408



49.2833, 0.3623, 0.3758



49.2833, 0.2585, 0.3127



49.2833, 0.2645, 0.2822

Sweetspot

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



49.2856, 0.3701, 0.3408



88.2905, 0.3263, 0.3322



47.9208, 0.3239, 0.2696



18.4526, 0.3290, 0.3328



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.



49.2856, 0.3701, 0.3408



58.5634, 0.3854, 0.3432



62.6596, 0.3607, 0.3754



14.7356, 0.3289, 0.3328



10.3711, 0.6242, 0.3426



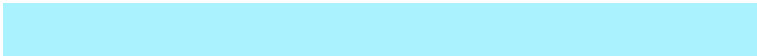
0.8796, 0.5990, 0.3626

Inverse Universe

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



63.0729, 0.2712, 0.3168



79.1505, 0.2637, 0.3141



48.5777, 0.2672, 0.2777



15.9261, 0.2981, 0.3252



25.0976, 0.2105, 0.2778



1.9597, 0.2128, 0.2860

Previews

White Background



This preview shows how the Yxy color 49.2833, 0.3701, 0.3408 looks on a white background.

Color Contrast Check

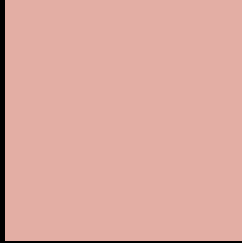
Large Text (above 18pt) WCAG AA × Fail

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 49.2833, 0.3701, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

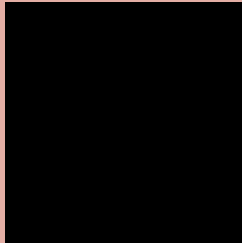
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.2833, 0.3701, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 49.2833, 0.3701, 0.3408.



This preview shows how white text looks on a background with the Yxy color 49.2833, 0.3701, 0.3408.

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

49.2833, 0.3701, 0.3408

Protanopia

49.4894, 0.3322, 0.3494

Deuteranopia

49.4330, 0.3564, 0.3497



Tritanopia

49.2445, 0.3544, 0.3143

Trichromacy



Original Color

49.2833, 0.3701, 0.3408

Protanomaly

49.4049, 0.3453, 0.3464

Deuteranomaly

49.3906, 0.3615, 0.3471

Tritanomaly

49.1734, 0.3596, 0.3234

Monochromacy



Original Color

49.2833, 0.3701, 0.3408

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.2728, 0.3322, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.2833, 0.3701, 0.3408 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, 174, 164)` looks like.

```
.text, #text, p{  
    color:rgb(227, 174, 164)  
}
```

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, 174, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 174, 164) }
```

Border

The CSS property to change the border of an element to Yxy 49.2833, 0.3701, 0.3408 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, 174, 164) }
```

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

```
.border{ border-color:rgb(227, 174, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 174, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 174, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 174, 164);  
box-shadow:4px 4px 4px 4px rgb(227, 174,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 49.2833, 0.3701, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 174, 164) }
```

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

```
.background{ background-color: rgb(227,  
174, 164) }
```

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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