

Converting Colors

$Yxy(49.6560, 0.3691, 0.3425)$

Have a look what the booklet for
Yxy(49.6560, 0.3691, 0.3425)
contains.

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Color

Yxy(49.5090, 0.3688, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	E2AFA4
RGB	226, 175, 164
RGB Percent	89%, 69%, 64%
CMY	0.1138, 0.3137, 0.3568
CMYK	0.00, 0.23, 0.27, 0.11
HSL	11°, 52%, 76%
HSV	11°, 27%, 89%
XYZ	53.3887, 49.5090, 41.8655
YIQ	188.9950, 33.9270, 7.3910

Conversions

Conversions Part 2

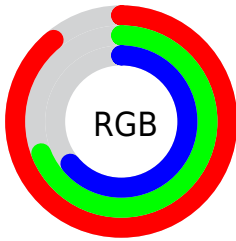
Format	Color
R _Y B	226, 177, 164
Decimal	14856100
CIE Lab	75.77, 17.00, 12.79
CIE LCh	76, 21.272, 36.947
Yxy	49.5090, 0.3688, 0.3420
Android (android.graphics.Color)	4293046180 (0xFFE2AFA4)
YUV	188.9950, -12.3225, 32.4534
Hunter-Lab	70.3626, 12.3048, 13.9765

Details

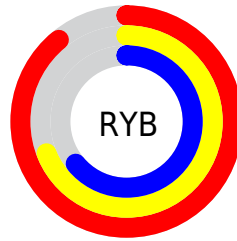
The Yxy color **49.5090, 0.3688, 0.3420** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.9631, 0.2716, 0.3155**, and the grayscale version is **50.9436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5263, 0.3373, 0.3410**, and **23.6350, 0.3858, 0.3446** is the 20% darker color. If you saturate the color by 10%, you get **42.0229, 0.3976, 0.3470**, and if you desaturate by 10%, it is **58.1401, 0.3448, 0.3370**.

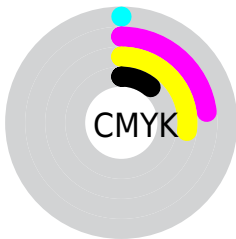
Distribution



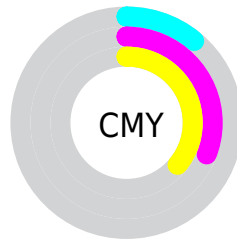
- Red (89%)
- Green (69%)
- Blue (64%)



- Red (89%)
- Yellow (69%)
- Blue (64%)



- Cyan (0%)
- Magenta (23%)
- Yellow (27%)
- Black (11%)




- Cyan (11%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5090, 0.3688, 0.3420 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 49.5090, 0.3688, 0.3420 by changing the saturation by 10% instead.


 49.5090, 0.3688,
0.3420


 49.5090, 0.3688,
0.3420


384.7427, 0.3408,
0.3362

 35.0234, 0.3758,
0.3432


 89.4470, 0.3586,
0.3400

 23.6809, 0.3847,
0.3447


 115.6681, 0.3548,
0.3393

 15.0971, 0.3965,
0.3465


146.5700, 0.3516,
0.3386

 8.8876, 0.4129,
0.3485

182.5368, 0.3488,
0.3380

 4.6679, 0.4369,
0.3507

223.9532, 0.3464,
0.3375

 2.0538, 0.4753,
0.3520

271.2033, 0.3443,

 0.6384, 0.6185,

0.3370

0.3815

324.6717, 0.3424,
0.3366

0.0000, 0.0000,
0.0000

49.5090, 0.3688,
0.3420

49.5090, 0.3688,
0.3420

42.0229, 0.3976,
0.3470

58.1401, 0.3448,
0.3370

35.6267, 0.4317,
0.3516

67.9545, 0.3251,
0.3323

30.2714, 0.4706,
0.3552

78.9971, 0.3088,
0.3279

25.9011, 0.5128,
0.3570

91.3086, 0.2954,
0.3239

22.4547, 0.5547,
0.3561

94.9044, 0.2952,
0.3289

■ 19.8640, 0.5914,
0.3519

■ 18.0498, 0.6178,
0.3450

■ 17.6927, 0.6233,
0.3433

Harmonies

Analogous

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



49.5090, 0.3530, 0.3177



49.5090, 0.3688, 0.3420



49.5090, 0.3687, 0.3644

Triad

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



49.5090, 0.3688, 0.3420



49.5090, 0.2977, 0.3647



49.5090, 0.2726, 0.2813

Complementary

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



49.5090, 0.3688, 0.3420



61.9631, 0.2716, 0.3155

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.



49.5090, 0.2595, 0.2910



49.5090, 0.3688, 0.3420



49.5090, 0.2734, 0.3391

Square

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



49.5090, 0.3688, 0.3420



49.5090, 0.3268, 0.3794



49.5090, 0.2597, 0.3117



49.5090, 0.2967, 0.2837

Rectangle

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



49.5090, 0.3688, 0.3420



49.5090, 0.3597, 0.3752



49.5090, 0.2597, 0.3117



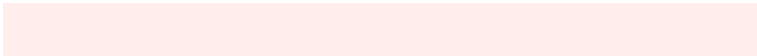
49.5090, 0.2669, 0.2832

Sweetspot

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



49.5113, 0.3688, 0.3420



88.5154, 0.3262, 0.3326



47.6562, 0.3246, 0.2715



18.5088, 0.3290, 0.3333



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.



49.5113, 0.3688, 0.3420



59.2301, 0.3849, 0.3449



62.6591, 0.3598, 0.3759



14.0924, 0.3288, 0.3332



10.2183, 0.6210, 0.3451



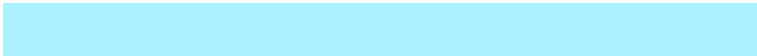
0.8263, 0.5930, 0.3674

Inverse Universe

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



61.9631, 0.2716, 0.3155



78.2080, 0.2635, 0.3123



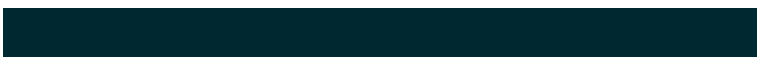
47.9384, 0.2677, 0.2771



15.1362, 0.2982, 0.3247



23.2861, 0.2087, 0.2714



1.7239, 0.2115, 0.2812

Previews

White Background



This preview shows how the Yxy color 49.5090, 0.3688, 0.3420 looks on a white background.

Color Contrast Check

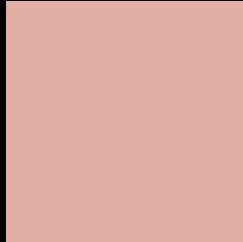
Large Text (above 18pt) WCAG AA × Fail

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 49.5090, 0.3688, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

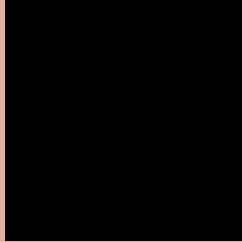
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.5090, 0.3688, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 49.5090, 0.3688, 0.3420.



This preview shows how white text looks on a background with the Yxy color 49.5090, 0.3688, 0.3420.

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

49.5090, 0.3688, 0.3420

Protanopia

49.4894, 0.3322, 0.3494

Deuteranopia

49.5830, 0.3573, 0.3497



Tritanopia

49.5018, 0.3523, 0.3142

Trichromacy



Original Color

49.5090, 0.3688, 0.3420

Protanomaly

49.4049, 0.3453, 0.3464

Deuteranomaly

49.3906, 0.3615, 0.3471

Tritanomaly

49.3924, 0.3585, 0.3245

Monochromacy



Original Color

49.5090, 0.3688, 0.3420

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.1328, 0.3313, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5090, 0.3688, 0.3420 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(226, 175, 164)` looks like.

```
.text, #text, p{  
    color:rgb(226, 175, 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(226, 175, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 175, 164) }
```

Border

The CSS property to change the border of an element to Yxy 49.5090, 0.3688, 0.3420 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(226, 175, 164) }
```

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

```
.border{ border-color:rgb(226, 175, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 175, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 175, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 175, 164);  
box-shadow:4px 4px 4px 4px rgb(226, 175,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5090, 0.3688, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 175, 164) }
```

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

```
.background{ background-color: rgb(226,  
175, 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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