

Converting Colors

$Yxy(49.2074, 0.3668, 0.3319)$

Have a look what the booklet for
Yxy(49.2074, 0.3668, 0.3319)
contains.

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Color

Yxy(49.0653, 0.3670, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	E5ACAA
RGB	229, 172, 170
RGB Percent	90%, 67%, 67%
CMY	0.1020, 0.3255, 0.3334
CMYK	0.00, 0.25, 0.26, 0.10
HSL	2°, 53%, 78%
HSV	2°, 26%, 90%
XYZ	54.3197, 49.0653, 44.6250
YIQ	188.8150, 34.6140, 11.4620

Conversions

Conversions Part 2

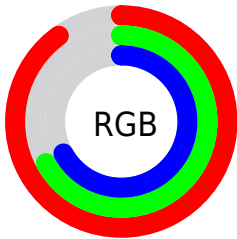
Format	Color
R _Y B	229, 172, 170
Decimal	15051946
CIE Lab	75.49, 20.57, 9.18
CIE LCh	75, 22.527, 24.061
Yxy	49.0653, 0.3670, 0.3315
Android (android.graphics.Color)	4293242026 (0xFFE5ACAA)
YUV	188.8150, -9.2758, 35.2422
Hunter-Lab	70.0466, 15.8413, 11.2604

Details

The Yxy color **49.0653, 0.3670, 0.3315** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69.1220, 0.2748, 0.3265**, and the grayscale version is **50.8174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1830, 0.3336, 0.3321**, and **23.2723, 0.3820, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **40.5467, 0.3976, 0.3325**, and if you desaturate by 10%, it is **59.1397, 0.3422, 0.3305**.

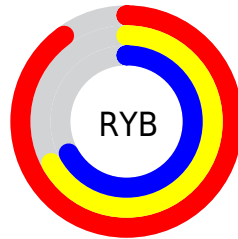
Distribution



Red (90%)

Green (67%)

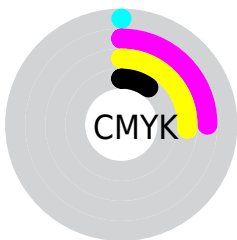
Blue (67%)



Red (90%)

Yellow (67%)

Blue (67%)

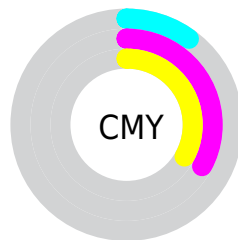


Cyan (0%)

Magenta (25%)

Yellow (26%)

Black (10%)



Cyan (10%)


Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0653, 0.3670, 0.3315 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 49.0653, 0.3670, 0.3315 by changing the saturation by 10% instead.


 49.0653, 0.3670,
0.3315

 49.0653, 0.3670,
0.3315


382.9993, 0.3399,
0.3308

 34.6713, 0.3738,
0.3315

 88.7884, 0.3571,
0.3314

 23.4098, 0.3824,
0.3315


114.8863, 0.3534,
0.3313

 14.8964, 0.3940,
0.3312


145.6543, 0.3503,
0.3312

 8.7467, 0.4100,
0.3306


181.4768, 0.3476,
0.3311

 4.5763, 0.4336,
0.3291

222.7381, 0.3453,
0.3310

 2.0009, 0.4719,
0.3251

269.8227, 0.3432,

 0.6080, 0.6373,

0.3309

323.1150, 0.3415,
0.3308

0.3512

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.0653, 0.3670,
0.3315

49.0653, 0.3670,
0.3315

40.5467, 0.3976,
0.3325

59.1397, 0.3422,
0.3305

33.5000, 0.4346,
0.3335

70.8348, 0.3224,
0.3295

27.8439, 0.4777,
0.3343

84.2201, 0.3064,
0.3286

23.4864, 0.5248,
0.3346

95.3983, 0.2970,
0.3290

■ 20.3243, 0.5708,
0.3343

■ 18.2390, 0.6088,
0.3333

■ 17.0874, 0.6322,
0.3317

■ 16.8294, 0.6382,
0.3315

Harmonies

Analogous

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



49.0653, 0.3442, 0.3068



49.0653, 0.3670, 0.3315



49.0653, 0.3744, 0.3568

Triad

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



49.0653, 0.3670, 0.3315



49.0653, 0.3098, 0.3757



49.0653, 0.2626, 0.2813

Complementary

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



49.0653, 0.3670, 0.3315



69.1220, 0.2748, 0.3265

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.



49.0653, 0.2546, 0.2967



49.0653, 0.3670, 0.3315



49.0653, 0.2809, 0.3523

Square

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



49.0653, 0.3670, 0.3315



49.0653, 0.3404, 0.3844



49.0653, 0.2611, 0.3226



49.0653, 0.2836, 0.2785

Rectangle

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



49.0653, 0.3670, 0.3315



49.0653, 0.3695, 0.3711



49.0653, 0.2611, 0.3226



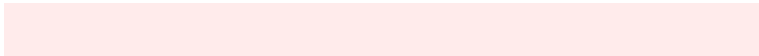
49.0653, 0.2584, 0.2850

Sweetspot

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



49.0676, 0.3670, 0.3315



86.8250, 0.3265, 0.3297



50.9465, 0.3173, 0.2670



18.0872, 0.3294, 0.3299



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.



49.0676, 0.3670, 0.3315



56.5013, 0.3828, 0.3321



61.5459, 0.3587, 0.3646



14.4471, 0.3292, 0.3299



9.6576, 0.6375, 0.3320



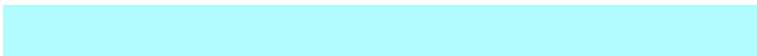
0.7419, 0.6302, 0.3378

Inverse Universe

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



69.1220, 0.2748, 0.3265



86.2401, 0.2677, 0.3259



54.3701, 0.2715, 0.2906



16.2468, 0.2982, 0.3281



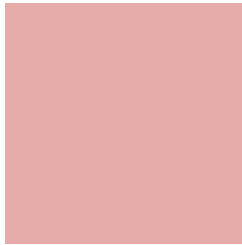
32.8747, 0.2217, 0.3182



2.4561, 0.2222, 0.3199

Previews

White Background



This preview shows how the Yxy color 49.0653, 0.3670, 0.3315 looks on a white background.

Color Contrast Check

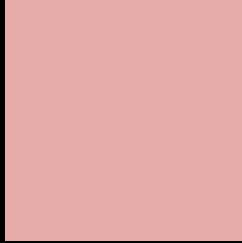
Large Text (above 18pt) WCAG AA × Fail

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 49.0653, 0.3670, 0.3315 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 49.0653, 0.3670, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 49.0653, 0.3670, 0.3315.



This preview shows how white text looks on a background with the Yxy color 49.0653, 0.3670, 0.3315.

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

49.0653, 0.3670, 0.3315

Protanopia

49.4986, 0.3249, 0.3405

Deuteranopia

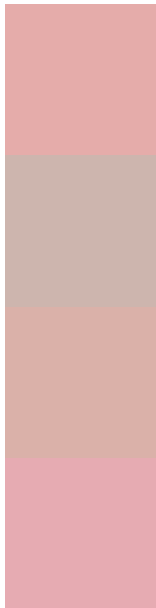
49.3560, 0.3494, 0.3425



Tritanopia

48.9913, 0.3564, 0.3143

Trichromacy



Original Color

49.0653, 0.3670, 0.3315

Protanomaly

49.0829, 0.3395, 0.3377

Deuteranomaly

49.2143, 0.3564, 0.3387

Tritanomaly

49.1632, 0.3608, 0.3211

Monochromacy



Original Color

49.0653, 0.3670, 0.3315

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.0817, 0.3316, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0653, 0.3670, 0.3315 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(229, 172, 170)` looks like.

```
.text, #text, p{  
    color:rgb(229, 172, 170)  
}
```

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(229, 172, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 172, 170) }
```

Border

The CSS property to change the border of an element to Yxy 49.0653, 0.3670, 0.3315 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(229, 172, 170) }
```

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

```
.border{ border-color:rgb(229, 172, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 172, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 172, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 172, 170);  
box-shadow:4px 4px 4px 4px rgb(229, 172,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0653, 0.3670, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 172, 170) }
```

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

```
.background{ background-color: rgb(229,  
172, 170) }
```

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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