

Converting Colors

$Yxy(49.5233, 0.3668, 0.3390)$

Have a look what the booklet for
Yxy(49.5233, 0.3668, 0.3390)
contains.

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Color

Yxy(49.5819, 0.3670, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	E2AFA6
RGB	226, 175, 166
RGB Percent	89%, 69%, 65%
CMY	0.1137, 0.3137, 0.3489
CMYK	0.00, 0.23, 0.27, 0.11
HSL	9°, 51%, 77%
HSV	9°, 27%, 89%
XYZ	53.5823, 49.5819, 42.8367
YIQ	189.2230, 33.2850, 8.0130

Conversions

Conversions Part 2

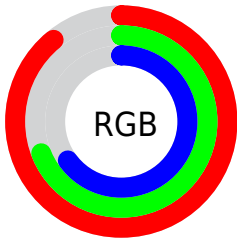
Format	Color
R _Y B	226, 177, 166
Decimal	14856102
CIE Lab	75.81, 17.30, 11.75
CIE LCh	76, 20.915, 34.172
Yxy	49.5819, 0.3670, 0.3396
Android (android.graphics.Color)	4293046182 (0xFFE2AFA6)
YUV	189.2230, -11.4489, 32.2534
Hunter-Lab	70.4144, 12.6055, 13.2210

Details

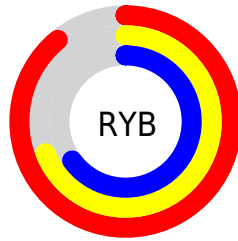
The Yxy color **49.5819, 0.3670, 0.3396** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.2523, 0.2730, 0.3181**, and the grayscale version is **51.0784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.6323, 0.3359, 0.3390**, and **23.6800, 0.3832, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **41.8685, 0.3959, 0.3438**, and if you desaturate by 10%, it is **58.5108, 0.3431, 0.3354**.

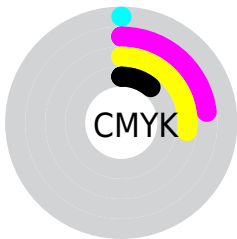
Distribution



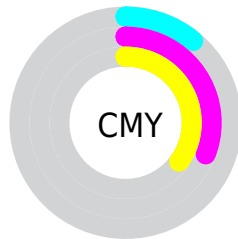
- Red (89%)
- Green (69%)
- Blue (65%)



- Red (89%)
- Yellow (69%)
- Blue (65%)



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





- Cyan (11%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5819, 0.3670, 0.3396 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 49.5819, 0.3670, 0.3396 by changing the saturation by 10% instead.


 49.5819, 0.3670,
0.3396

 49.5819, 0.3670,
0.3396


385.0287, 0.3399,
0.3349

 35.0813, 0.3737,
0.3406


 89.5551, 0.3572,
0.3380

 23.7255, 0.3824,
0.3417


 115.7965, 0.3535,
0.3374

 15.1301, 0.3938,
0.3431


146.7202, 0.3503,
0.3369

 8.9108, 0.4097,
0.3446

182.7108, 0.3477,
0.3364

 4.6830, 0.4330,
0.3460

224.1525, 0.3453,
0.3360

 2.0625, 0.4704,
0.3465

271.4298, 0.3433,

 0.6434, 0.6198,

0.3356

0.3802

324.9270, 0.3415,
0.3352

0.0000, 0.0000,
0.0000

49.5819, 0.3670,
0.3396

49.5819, 0.3670,
0.3396

41.8685, 0.3959,
0.3438

58.5108, 0.3431,
0.3354

35.3114, 0.4302,
0.3477

68.6976, 0.3236,
0.3314

29.8565, 0.4698,
0.3508

80.1909, 0.3075,
0.3278

25.4428, 0.5129,
0.3524

92.9419, 0.2952,
0.3258

22.0034, 0.5560,
0.3516

94.9110, 0.2952,
0.3289

■ 19.4632, 0.5937,
0.3480

■ 17.7354, 0.6205,
0.3419

■ 17.3029, 0.6275,
0.3400

Harmonies

Analogous

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



49.5819, 0.3502, 0.3158



49.5819, 0.3670, 0.3396



49.5819, 0.3684, 0.3620

Triad

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



49.5819, 0.3670, 0.3396



49.5819, 0.3005, 0.3660



49.5819, 0.2716, 0.2825

Complementary

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



49.5819, 0.3670, 0.3396



63.2523, 0.2730, 0.3181

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.



49.5819, 0.2598, 0.2931



49.5819, 0.3670, 0.3396



49.5819, 0.2759, 0.3415

Square

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



49.5819, 0.3670, 0.3396



49.5819, 0.3292, 0.3791



49.5819, 0.2613, 0.3144



49.5819, 0.2945, 0.2838

Rectangle

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



49.5819, 0.3670, 0.3396



49.5819, 0.3605, 0.3732



49.5819, 0.2613, 0.3144



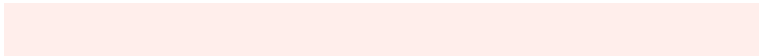
49.5819, 0.2663, 0.2847

Sweetspot

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



49.5842, 0.3670, 0.3396



88.1802, 0.3263, 0.3320



48.5174, 0.3224, 0.2713



18.4251, 0.3291, 0.3326



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.



49.5842, 0.3670, 0.3396



59.2413, 0.3827, 0.3420



62.1207, 0.3586, 0.3722



14.0295, 0.3288, 0.3326



9.9765, 0.6255, 0.3416



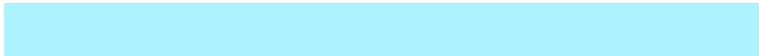
0.7966, 0.5996, 0.3621

Inverse Universe

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



63.2523, 0.2730, 0.3181



80.1327, 0.2652, 0.3155



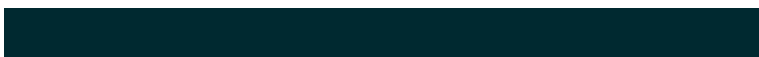
49.5790, 0.2695, 0.2816



15.2049, 0.2982, 0.3254



24.8332, 0.2114, 0.2810



1.8174, 0.2137, 0.2891

Previews

White Background



This preview shows how the Yxy color 49.5819, 0.3670, 0.3396 looks on a white background.

Color Contrast Check

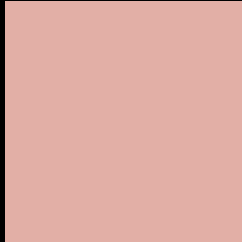
Large Text (above 18pt) WCAG AA × Fail

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 49.5819, 0.3670, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

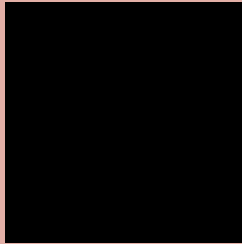
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.5819, 0.3670, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 49.5819, 0.3670, 0.3396.



This preview shows how white text looks on a background with the Yxy color 49.5819, 0.3670, 0.3396.

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

49.5819, 0.3670, 0.3396

Protanopia

49.5657, 0.3306, 0.3468

Deuteranopia

49.5053, 0.3546, 0.3473



Tritanopia

49.5018, 0.3523, 0.3142

Trichromacy



Original Color

49.5819, 0.3670, 0.3396

Protanomaly

49.4800, 0.3436, 0.3439

Deuteranomaly

49.4628, 0.3597, 0.3447

Tritanomaly

49.4324, 0.3575, 0.3234

Monochromacy



Original Color

49.5819, 0.3670, 0.3396

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.1737, 0.3305, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5819, 0.3670, 0.3396 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(226, 175, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 175, 166) }
```

Border

The CSS property to change the border of an element to Yxy 49.5819, 0.3670, 0.3396 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, 166) }
```

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

```
.border{ border-color:rgb(226, 175, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 175, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 175, 166); box-shadow:4px 4px 4px 4px rgb(226, 175, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5819, 0.3670, 0.3396 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, 166) }
```

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

```
.background{ background-color: rgb(226,  
175, 166) }
```

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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