

Converting Colors

$Yxy(48.4388, 0.3723, 0.3354)$

Have a look what the booklet for
Yxy(48.4388, 0.3723, 0.3354)
contains.

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Color

Yxy(48.5004, 0.3719, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	E5ABA5
RGB	229, 171, 165
RGB Percent	90%, 67%, 65%
CMY	0.1020, 0.3294, 0.3529
CMYK	0.00, 0.25, 0.28, 0.10
HSL	6°, 55%, 77%
HSV	6°, 28%, 90%
XYZ	53.6665, 48.5004, 42.1366
YIQ	187.6580, 36.4940, 10.4300

Conversions

Conversions Part 2

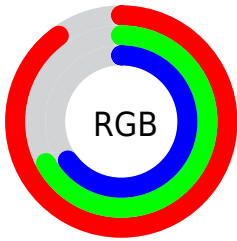
Format	Color
R _Y B	229, 172, 165
Decimal	15051685
CIE Lab	75.14, 20.42, 11.39
CIE LCh	75, 23.381, 29.156
Yxy	48.5004, 0.3719, 0.3361
Android (android.graphics.Color)	4293241765 (0xFFE5ABA5)
YUV	187.6580, -11.1704, 36.2569
Hunter-Lab	69.6422, 15.6786, 12.8765

Details

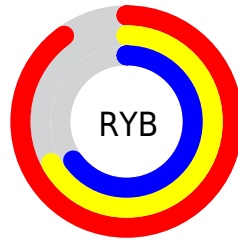
The Yxy color **48.5004, 0.3719, 0.3361** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.4320, 0.2715, 0.3217**, and the grayscale version is **50.1358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3655, 0.3372, 0.3361**, and **22.9198, 0.3890, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **40.5070, 0.4027, 0.3388**, and if you desaturate by 10%, it is **57.8786, 0.3467, 0.3334**.

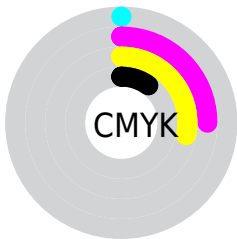
Distribution



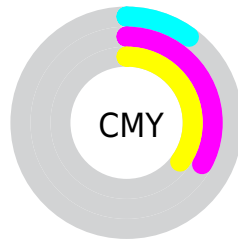
- Red (90%)
- Green (67%)
- Blue (65%)



- Red (90%)
- Yellow (67%)
- Blue (65%)



- Cyan (0%)
- Magenta (25%)
- Yellow (28%)
- Black (10%)



- Cyan (10%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5004, 0.3719, 0.3361 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 48.5004, 0.3719, 0.3361 by changing the saturation by 10% instead.

 48.5004, 0.3719,
0.3361


 48.5004, 0.3719,
0.3361

380.7722, 0.3422,
0.3332

 34.2233, 0.3793,
0.3366

 87.9490, 0.3611,
0.3352

 23.0652, 0.3888,
0.3371

 113.8893, 0.3571,
0.3348

 14.6417, 0.4015,
0.3377


144.4861, 0.3536,
0.3345

 8.5683, 0.4190,
0.3380

180.1239, 0.3507,
0.3342

 4.4607, 0.4450,
0.3376

221.1870, 0.3482,
0.3339

 1.9345, 0.4868,
0.3349

268.0598, 0.3459,

 0.5690, 0.6497,

0.3337

0.3503


321.1267, 0.3440,
0.3334


 0.0000, 0.0000,
0.0000

 48.5004, 0.3719,
0.3361


 48.5004, 0.3719,
0.3361


 40.5070, 0.4027,
0.3388


 57.8786, 0.3467,
0.3334

 33.8264, 0.4394,
0.3412


 68.6958, 0.3262,
0.3309

 28.3903, 0.4817,
0.3429

 81.0114, 0.3096,
0.3285

 24.1215, 0.5272,
0.3435

 94.7754, 0.2970,
0.3280

 20.9342, 0.5712,
0.3425

 95.3967, 0.2970,
0.3290

■ 18.7307, 0.6075,
0.3395

■ 17.3939, 0.6305,
0.3354

■ 17.2098, 0.6340,
0.3348

Harmonies

Analogous

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



48.5004, 0.3504, 0.3099



48.5004, 0.3719, 0.3361



48.5004, 0.3765, 0.3620

Triad

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



48.5004, 0.3719, 0.3361



48.5004, 0.3041, 0.3745



48.5004, 0.2634, 0.2779

Complementary

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



48.5004, 0.3719, 0.3361



66.4320, 0.2715, 0.3217

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.



48.5004, 0.2527, 0.2917



48.5004, 0.3719, 0.3361



48.5004, 0.2753, 0.3481

Square

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



48.5004, 0.3719, 0.3361



48.5004, 0.3363, 0.3865



48.5004, 0.2568, 0.3172



48.5004, 0.2871, 0.2773

Rectangle

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



48.5004, 0.3719, 0.3361



48.5004, 0.3694, 0.3759



48.5004, 0.2568, 0.3172



48.5004, 0.2582, 0.2810

Sweetspot

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



48.5027, 0.3719, 0.3361



87.5207, 0.3264, 0.3309



48.9356, 0.3204, 0.2649



18.2605, 0.3292, 0.3313



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.



48.5027, 0.3719, 0.3361



55.3149, 0.3905, 0.3378



61.7721, 0.3623, 0.3712



14.5840, 0.3290, 0.3313



9.9166, 0.6325, 0.3360



0.8075, 0.6146, 0.3502

Inverse Universe

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



66.4320, 0.2715, 0.3217



82.0246, 0.2632, 0.3199



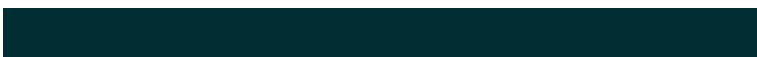
51.2128, 0.2675, 0.2828



16.0933, 0.2982, 0.3267



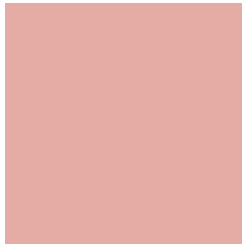
28.9969, 0.2165, 0.2994



2.2104, 0.2178, 0.3041

Previews

White Background



This preview shows how the Yxy color 48.5004, 0.3719, 0.3361 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 48.5004, 0.3719, 0.3361 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 48.5004, 0.3719, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 48.5004, 0.3719, 0.3361.



This preview shows how white text looks on a background with the Yxy color 48.5004, 0.3719, 0.3361.

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

48.5004, 0.3719, 0.3361

Protanopia

48.8829, 0.3290, 0.3456

Deuteranopia

48.7694, 0.3540, 0.3474



Tritanopia

48.7011, 0.3594, 0.3155

Trichromacy



Original Color

48.5004, 0.3719, 0.3361

Protanomaly

48.4862, 0.3439, 0.3427

Deuteranomaly

48.6364, 0.3612, 0.3435

Tritanomaly

48.6676, 0.3638, 0.3234

Monochromacy



Original Color

48.5004, 0.3719, 0.3361

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.4477, 0.3325, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5004, 0.3719, 0.3361 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, 171, 165)` looks like.

```
.text, #text, p{  
    color:rgb(229, 171, 165)  
}
```

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, 171, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 171, 165) }
```

Border

The CSS property to change the border of an element to Yxy 48.5004, 0.3719, 0.3361 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, 171, 165) }
```

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

```
.border{ border-color:rgb(229, 171, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 171, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 171, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 171, 165);  
box-shadow:4px 4px 4px 4px rgb(229, 171,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5004, 0.3719, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 171, 165) }
```

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

```
.background{ background-color: rgb(229,  
171, 165) }
```

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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