

Converting Colors

$Yxy(48.5891, 0.3688, 0.3361)$

Have a look what the booklet for
Yxy(48.5891, 0.3688, 0.3361)
contains.

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Color

Yxy(48.5891, 0.3688, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	E3ACA6
RGB	227, 172, 166
RGB Percent	89%, 67%, 65%
CMY	0.1098, 0.3255, 0.3489
CMYK	0.00, 0.24, 0.27, 0.11
HSL	6°, 52%, 77%
HSV	6°, 27%, 89%
XYZ	53.3165, 48.5891, 42.6618
YIQ	187.7610, 34.7060, 9.7940

Conversions

Conversions Part 2

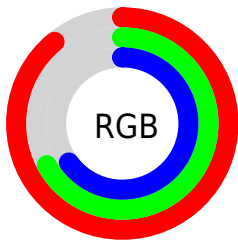
Format	Color
R _Y B	227, 173, 166
Decimal	14920870
CIE Lab	75.19, 19.28, 10.88
CIE LCh	75, 22.139, 29.446
Yxy	48.5891, 0.3688, 0.3361
Android (android.graphics.Color)	4293110950 (0xFFE3ACA6)
YUV	187.7610, -10.7282, 34.4126
Hunter-Lab	69.7059, 14.5453, 12.5071

Details

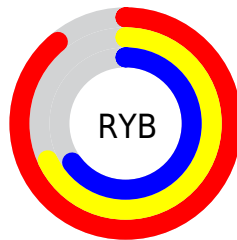
The Yxy color **48.5891, 0.3688, 0.3361** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65.3877, 0.2729, 0.3218**, and the grayscale version is **50.1963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9673, 0.3363, 0.3361**, and **22.9546, 0.3847, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **40.6265, 0.3988, 0.3389**, and if you desaturate by 10%, it is **57.9044, 0.3442, 0.3333**.

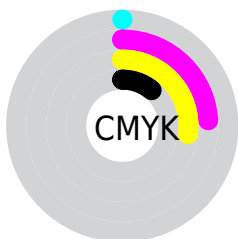
Distribution



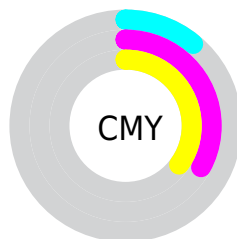
- Red (89%)
- Green (67%)
- Blue (65%)



- Red (89%)
- Yellow (68%)
- Blue (65%)



- Cyan (0%)
- Magenta (24%)
- Yellow (27%)
- Black (11%)





- Cyan (11%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.5891, 0.3688, 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 48.5891, 0.3688, 0.3361 by changing the saturation by 10% instead.


 48.5891, 0.3688,
0.3361


 48.5891, 0.3688,
0.3361


381.1224, 0.3407,
0.3332

 34.2936, 0.3758,
0.3366


 88.0809, 0.3586,
0.3352

 23.1193, 0.3848,
0.3372


 114.0460, 0.3547,
0.3348

 14.6816, 0.3968,
0.3378

144.6697, 0.3515,
0.3344

 8.5962, 0.4134,
0.3383

180.3366, 0.3487,
0.3341

 4.4788, 0.4381,
0.3383

221.4309, 0.3463,
0.3338

 1.9448, 0.4778,
0.3363

268.3370, 0.3442,


 0.5751, 0.6416,


0.3336


0.3584

321.4394, 0.3423,
0.3334

 0.0000, 0.0000,
0.0000


 48.5891, 0.3688,
0.3361

 48.5891, 0.3688,
0.3361

 40.6265, 0.3988,
0.3389


 57.9044, 0.3442,
0.3333

 33.9473, 0.4348,
0.3414


 68.6240, 0.3242,
0.3307


 28.4861, 0.4764,
0.3434

 80.8053, 0.3080,
0.3283

 24.1694, 0.5215,
0.3442

 94.3814, 0.2958,
0.3279

 20.9153, 0.5659,
0.3433

 95.0709, 0.2958,
0.3290

■ 18.6314, 0.6033,
0.3405

■ 17.2083, 0.6280,
0.3362

■ 16.9129, 0.6335,
0.3352

Harmonies

Analogous

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



48.5891, 0.3486, 0.3112



48.5891, 0.3688, 0.3361



48.5891, 0.3730, 0.3606

Triad

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



48.5891, 0.3688, 0.3361



48.5891, 0.3044, 0.3717



48.5891, 0.2661, 0.2805

Complementary

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



48.5891, 0.3688, 0.3361



65.3877, 0.2729, 0.3218

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.



48.5891, 0.2558, 0.2936



48.5891, 0.3688, 0.3361



48.5891, 0.2770, 0.3468

Square

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



48.5891, 0.3688, 0.3361



48.5891, 0.3349, 0.3833



48.5891, 0.2596, 0.3176



48.5891, 0.2888, 0.2799

Rectangle

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



48.5891, 0.3688, 0.3361



48.5891, 0.3662, 0.3736



48.5891, 0.2596, 0.3176



48.5891, 0.2612, 0.2835

Sweetspot

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



48.5914, 0.3688, 0.3361



87.5700, 0.3264, 0.3310



48.8861, 0.3200, 0.2675



18.2728, 0.3292, 0.3314



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.



48.5914, 0.3688, 0.3361



57.4974, 0.3841, 0.3376



61.1382, 0.3601, 0.3695



14.5937, 0.3290, 0.3314



9.9398, 0.6321, 0.3363



0.8122, 0.6135, 0.3510

Inverse Universe

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



65.3877, 0.2729, 0.3218



82.6802, 0.2658, 0.3201



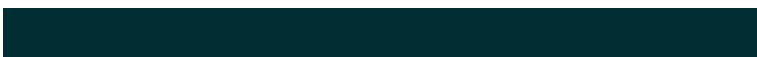
51.1098, 0.2693, 0.2849



16.0826, 0.2982, 0.3266



28.7352, 0.2161, 0.2981



2.1937, 0.2175, 0.3030

Previews

White Background



This preview shows how the Yxy color 48.5891, 0.3688, 0.3361 looks on a white background.

Color Contrast Check

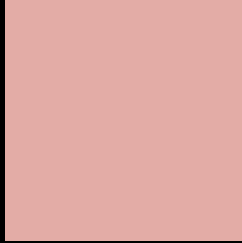
Large Text (above 18pt) WCAG AA × Fail

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 48.5891, 0.3688, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

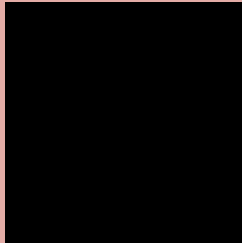
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.5891, 0.3688, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 48.5891, 0.3688, 0.3361.



This preview shows how white text looks on a background with the Yxy color 48.5891, 0.3688, 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

48.5891, 0.3688, 0.3361

Protanopia

48.9215, 0.3282, 0.3443

Deuteranopia

48.8057, 0.3531, 0.3462



Tritanopia

48.4528, 0.3557, 0.3131

Trichromacy



Original Color

48.5891, 0.3688, 0.3361

Protanomaly

48.5239, 0.3431, 0.3415

Deuteranomaly

48.5190, 0.3594, 0.3423

Tritanomaly

48.4178, 0.3601, 0.3211

Monochromacy



Original Color

48.5891, 0.3688, 0.3361

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.3077, 0.3316, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5891, 0.3688, 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(227, 172, 166)` looks like.

```
.text, #text, p{  
    color:rgb(227, 172, 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(227, 172, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 172, 166) }
```

Border

The CSS property to change the border of an element to Yxy 48.5891, 0.3688, 0.3361 is called "border". The border property can be set on classes, ids or directly on the HTML element.

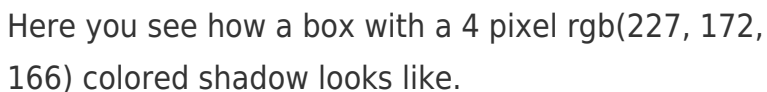
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 172, 166) }
```

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

```
.border{ border-color:rgb(227, 172, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 172, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 172, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 172, 166); box-shadow:4px 4px 4px 4px rgb(227, 172, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5891, 0.3688, 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(227, 172, 166) }
```

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

```
.background{ background-color: rgb(227,  
172, 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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