

Converting Colors

$Yxy(48.0562, 0.3591, 0.3433)$

Have a look what the booklet for
Yxy(48.0562, 0.3591, 0.3433)
contains.

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Color

Yxy(48.1781, 0.3584, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	D7B0A4
RGB	215, 176, 164
RGB Percent	84%, 69%, 64%
CMY	0.1568, 0.3098, 0.3568
CMYK	0.00, 0.18, 0.24, 0.16
HSL	14°, 39%, 74%
HSV	14°, 24%, 84%
XYZ	50.2533, 48.1781, 41.7843
YIQ	186.2930, 27.0960, 4.5360

Conversions

Conversions Part 2

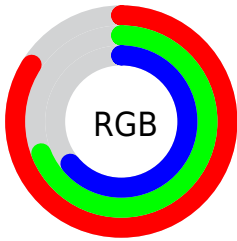
Format	Color
RYB	215, 180, 164
Decimal	14135460
CIELab	74.94, 12.34, 11.45
CIELCh	75, 16.832, 42.863
Yxy	48.1781, 0.3584, 0.3436
Android (android.graphics.Color)	4292325540 (0xFFD7B0A4)
YUV	186.2930, -10.9904, 25.1760
Hunter-Lab	69.4104, 7.7661, 12.8954

Details

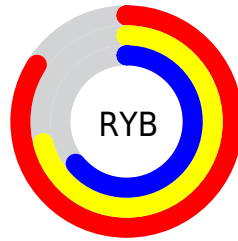
The Yxy color **48.1781, 0.3584, 0.3436** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.5277, 0.2767, 0.3139**, and the grayscale version is **49.3293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0877, 0.3371, 0.3420**, and **22.8094, 0.3727, 0.3469** is the 20% darker color. If you saturate the color by 10%, you get **41.4030, 0.3843, 0.3502**, and if you desaturate by 10%, it is **55.8706, 0.3367, 0.3372**.

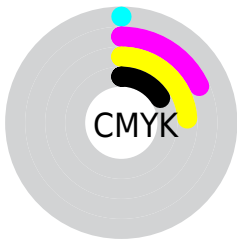
Distribution



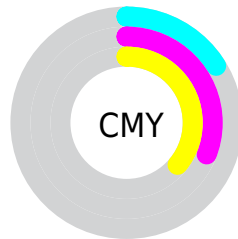
- Red (84%)
- Green (69%)
- Blue (64%)



- Red (84%)
- Yellow (71%)
- Blue (64%)



- Cyan (0%)
- Magenta (18%)
- Yellow (24%)
- Black (16%)





- Cyan (16%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1781, 0.3584, 0.3436 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 48.1781, 0.3584, 0.3436 by changing the saturation by 10% instead.


 48.1781, 0.3584,
0.3436


 48.1781, 0.3584,
0.3436


379.4976, 0.3355,
0.3367

 33.9679, 0.3641,
0.3452

 87.4695, 0.3501,
0.3412

 22.8690, 0.3715,
0.3471


 113.3196, 0.3469,
0.3403

 14.4968, 0.3813,
0.3495


143.8184, 0.3443,
0.3395

 8.4670, 0.3949,
0.3526

179.3504, 0.3420,
0.3388

 4.3952, 0.4151,
0.3566

220.2999, 0.3401,
0.3382

 1.8970, 0.4480,
0.3614

267.0513, 0.3384,

 0.5466, 0.6002,

0.3377

0.3998

319.9891, 0.3368,
0.3372

0.0000, 0.0000,
0.0000

48.1781, 0.3584,
0.3436

48.1781, 0.3584,
0.3436

41.4030, 0.3843,
0.3502

55.8706, 0.3367,
0.3372

35.5044, 0.4148,
0.3565

64.5065, 0.3186,
0.3311

30.4477, 0.4500,
0.3620

74.1190, 0.3036,
0.3255

26.1937, 0.4887,
0.3657

84.7374, 0.2911,
0.3204

22.6999, 0.5288,
0.3667

93.1878, 0.2889,
0.3289

■ 19.9195, 0.5665,
0.3640

■ 17.8000, 0.5973,
0.3572

■ 16.7726, 0.6124,
0.3519

Harmonies

Analogous

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



48.1781, 0.3481, 0.3239



48.1781, 0.3584, 0.3436



48.1781, 0.3558, 0.3605

Triad

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



48.1781, 0.3584, 0.3436



48.1781, 0.2965, 0.3537



48.1781, 0.2838, 0.2902

Complementary

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



48.1781, 0.3584, 0.3436



55.5277, 0.2767, 0.3139

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.



48.1781, 0.2711, 0.2964



48.1781, 0.3584, 0.3436



48.1781, 0.2782, 0.3328

Square

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



48.1781, 0.3584, 0.3436



48.1781, 0.3196, 0.3675



48.1781, 0.2691, 0.3117



48.1781, 0.3045, 0.2939

Rectangle

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



48.1781, 0.3584, 0.3436



48.1781, 0.3473, 0.3678



48.1781, 0.2691, 0.3117



48.1781, 0.2785, 0.2912

Sweetspot

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



48.1803, 0.3584, 0.3436



90.4971, 0.3243, 0.3331



45.3251, 0.3256, 0.2833



19.2019, 0.3254, 0.3335



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.



48.1803, 0.3584, 0.3436



66.1852, 0.3697, 0.3466



59.0941, 0.3517, 0.3730



12.8896, 0.3285, 0.3345



10.1677, 0.6100, 0.3539



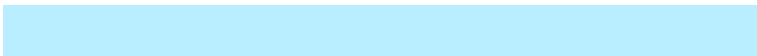
0.7423, 0.5758, 0.3810

Inverse Universe

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



55.5277, 0.2767, 0.3139



78.6426, 0.2700, 0.3106



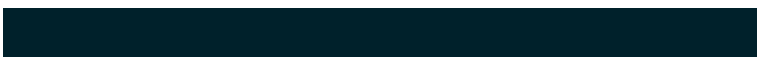
44.4917, 0.2740, 0.2807



13.5903, 0.2982, 0.3234



19.0909, 0.2033, 0.2518



1.2740, 0.2074, 0.2666

Previews

White Background



This preview shows how the Yxy color 48.1781, 0.3584, 0.3436 looks on a white background.

Color Contrast Check

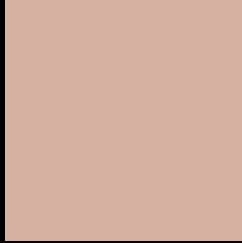
Large Text (above 18pt) WCAG AA × Fail

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 48.1781, 0.3584, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

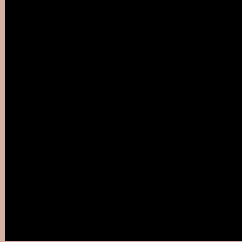
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.1781, 0.3584, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 48.1781, 0.3584, 0.3436.



This preview shows how white text looks on a background with the Yxy color 48.1781, 0.3584, 0.3436.

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

48.1781, 0.3584, 0.3436

Protanopia

48.3146, 0.3324, 0.3496

Deuteranopia

48.2228, 0.3533, 0.3463



Tritanopia

48.3377, 0.3422, 0.3138

Trichromacy



Original Color

48.1781, 0.3584, 0.3436

Protanomaly

48.1171, 0.3409, 0.3467

Deuteranomaly

48.1217, 0.3554, 0.3450

Tritanomaly

48.2382, 0.3482, 0.3243

Monochromacy



Original Color

48.1781, 0.3584, 0.3436

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.5406, 0.3289, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1781, 0.3584, 0.3436 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(215, 176, 164)` looks like.

```
.text, #text, p{  
    color:rgb(215, 176, 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(215, 176, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 176, 164) }
```

Border

The CSS property to change the border of an element to Yxy 48.1781, 0.3584, 0.3436 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(215, 176, 164) }
```

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

```
.border{ border-color:rgb(215, 176, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 176, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 176, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 176, 164);  
box-shadow:4px 4px 4px 4px rgb(215, 176,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1781, 0.3584, 0.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 176, 164) }
```

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

```
.background{ background-color: rgb(215,  
176, 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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