

Converting Colors

$Yxy(48.4768, 0.3558, 0.3387)$

Have a look what the booklet for
Yxy(48.4768, 0.3558, 0.3387)
contains.

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Color

Yxy(48.4768, 0.3558, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	D8B0A8
RGB	216, 176, 168
RGB Percent	85%, 69%, 66%
CMY	0.1527, 0.3099, 0.3411
CMYK	0.00, 0.19, 0.22, 0.15
HSL	10°, 38%, 75%
HSV	10°, 22%, 85%
XYZ	50.9243, 48.4768, 43.7250
YIQ	187.0480, 26.4080, 5.9920

Conversions

Conversions Part 2

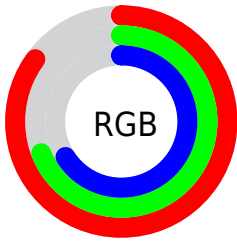
Format	Color
RYB	216, 178, 168
Decimal	14201000
CIELab	75.12, 13.32, 9.56
CIELCh	75, 16.394, 35.658
Yxy	48.4768, 0.3558, 0.3387
Android (android.graphics.Color)	4292391080 (0xFFD8B0A8)
YUV	187.0480, -9.3907, 25.3909
Hunter-Lab	69.6253, 8.7115, 11.5033

Details

The Yxy color $48.4768, 0.3558, 0.3387$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $58.4382, 0.2792, 0.3191$, and the grayscale version is $49.7692, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.3009, 0.3345, 0.3380$, and $22.9005, 0.3676, 0.3404$ is the 20% darker color. If you saturate the color by 10%, you get $41.1363, 0.3821, 0.3434$, and if you desaturate by 10%, it is $56.8936, 0.3341, 0.3342$.

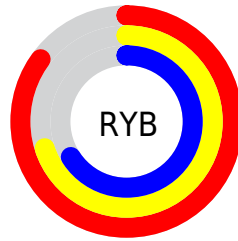
Distribution



Red (85%)

Green (69%)

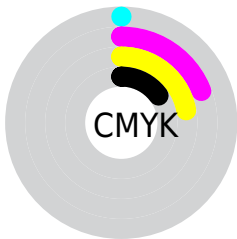
Blue (66%)



Red (85%)

Yellow (70%)

Blue (66%)

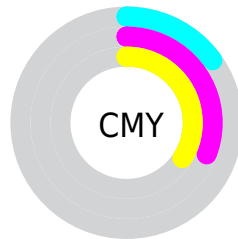


Cyan (0%)

Magenta (19%)

Yellow (22%)

Black (15%)



Cyan (15%)


Magenta (31%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4768, 0.3558, 0.3387 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 48.4768, 0.3558, 0.3387 by changing the saturation by 10% instead.


 48.4768, 0.3558,
0.3387


 48.4768, 0.3558,
0.3387


380.6789, 0.3342,
0.3342

 34.2046, 0.3612,
0.3397


 87.9139, 0.3480,
0.3372

 23.0508, 0.3681,
0.3409


 113.8476, 0.3450,
0.3366

 14.6311, 0.3773,
0.3424


144.4373, 0.3425,
0.3360

 8.5609, 0.3902,
0.3442

180.0673, 0.3404,
0.3356

 4.4559, 0.4092,
0.3464

221.1221, 0.3385,
0.3352

 1.9317, 0.4404,
0.3488

267.9860, 0.3369,

 0.5673, 0.6038,

0.3348

0.3962

321.0435, 0.3355,
0.3345

0.0000, 0.0000,
0.0000

48.4768, 0.3558,
0.3387

48.4768, 0.3558,
0.3387

41.1363, 0.3821,
0.3434

56.8936, 0.3341,
0.3342

34.8221, 0.4136,
0.3479

66.4208, 0.3162,
0.3299

29.4902, 0.4503,
0.3518

77.0993, 0.3016,
0.3260

25.0909, 0.4914,
0.3545

88.9659, 0.2895,
0.3224

21.5697, 0.5343,
0.3550

93.3467, 0.2895,
0.3289

■ 18.8668, 0.5747,
0.3526

■ 16.9142, 0.6070,
0.3472

■ 15.8593, 0.6248,
0.3421

Harmonies

Analogous

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



48.4768, 0.3432, 0.3195



48.4768, 0.3558, 0.3387



48.4768, 0.3564, 0.3562

Triad

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



48.4768, 0.3558, 0.3387



48.4768, 0.3021, 0.3571



48.4768, 0.2808, 0.2918

Complementary

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



48.4768, 0.3558, 0.3387



58.4382, 0.2792, 0.3191

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.



48.4768, 0.2708, 0.3001



48.4768, 0.3558, 0.3387



48.4768, 0.2828, 0.3379

Square

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



48.4768, 0.3558, 0.3387



48.4768, 0.3248, 0.3680



48.4768, 0.2715, 0.3168



48.4768, 0.2994, 0.2931

Rectangle

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



48.4768, 0.3558, 0.3387



48.4768, 0.3499, 0.3646



48.4768, 0.2715, 0.3168



48.4768, 0.2764, 0.2935

Sweetspot

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



48.4790, 0.3558, 0.3387



89.7691, 0.3244, 0.3319



47.2131, 0.3213, 0.2818



19.0338, 0.3255, 0.3322



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.



48.4790, 0.3558, 0.3387



65.0051, 0.3684, 0.3410



58.3910, 0.3500, 0.3657



12.7504, 0.3287, 0.3329



9.4882, 0.6227, 0.3438



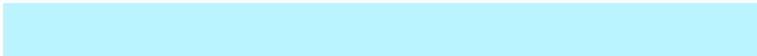
0.6773, 0.5920, 0.3682

Inverse Universe

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



58.4382, 0.2792, 0.3191



82.1246, 0.2720, 0.3166



47.9126, 0.2770, 0.2893



13.7407, 0.2983, 0.3250



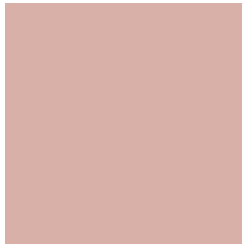
22.4304, 0.2099, 0.2756



1.4483, 0.2127, 0.2857

Previews

White Background



This preview shows how the Yxy color 48.4768, 0.3558, 0.3387 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 48.4768, 0.3558, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

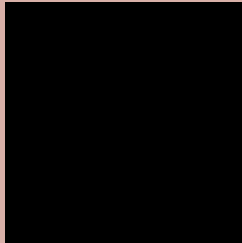
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4768, 0.3558, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 48.4768, 0.3558, 0.3387.



This preview shows how white text looks on a background with the Yxy color 48.4768, 0.3558, 0.3387.

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

48.4768, 0.3558, 0.3387

Protanopia

48.7914, 0.3273, 0.3444

Deuteranopia

48.7690, 0.3496, 0.3425



Tritanopia

48.3804, 0.3413, 0.3126

Trichromacy



Original Color

48.4768, 0.3558, 0.3387

Protanomaly

48.6755, 0.3374, 0.3429

Deuteranomaly

48.6650, 0.3516, 0.3413

Tritanomaly

48.3191, 0.3464, 0.3220

Monochromacy



Original Color

48.4768, 0.3558, 0.3387

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.1680, 0.3280, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4768, 0.3558, 0.3387 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(216, 176, 168)` looks like.

```
.text, #text, p{  
    color:rgb(216, 176, 168)  
}
```

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(216, 176, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 176, 168) }
```

Border

The CSS property to change the border of an element to Yxy 48.4768, 0.3558, 0.3387 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(216, 176, 168) }
```

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

```
.border{ border-color:rgb(216, 176, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 176, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 176, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 176, 168);  
box-shadow:4px 4px 4px 4px rgb(216, 176,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4768, 0.3558, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 176, 168) }
```

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

```
.background{ background-color: rgb(216,  
176, 168) }
```

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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