

Converting Colors

$Yxy(48.4085, 0.3782, 0.3658)$

Have a look what the booklet for
Yxy(48.4085, 0.3782, 0.3658)
contains.

Yxy(48.5797, 0.3779, 0.3663)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.5797, 0.3779, 0.3663)

Conversions

Conversions Part 1

Format	Color
Hex	DBB192
RGB	219, 177, 146
RGB Percent	86%, 69%, 57%
CMY	0.1413, 0.3058, 0.4275
CMYK	0.00, 0.19, 0.33, 0.14
HSL	26°, 50%, 72%
HSV	26°, 33%, 86%
XYZ	50.1181, 48.5797, 33.9249
YIQ	186.0240, 34.9830, -0.7370

Conversions

Conversions Part 2

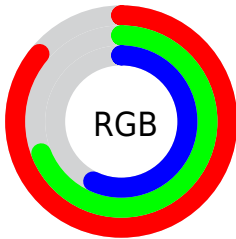
Format	Color
R _Y B	219, 200, 146
Decimal	14397842
CIE Lab	75.19, 10.89, 21.64
CIE LCh	75, 24.222, 63.286
Yxy	48.5797, 0.3779, 0.3663
Android (android.graphics.Color)	4292587922 (0xFFDDBB192)
YUV	186.0240, -19.7318, 28.9200
Hunter-Lab	69.6991, 6.3794, 19.9310

Details

The Yxy color $48.5797, 0.3779, 0.3663$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $47.1695, 0.2604, 0.2883$, and the grayscale version is $49.2148, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.7080, 0.3497, 0.3623$, and $23.0281, 0.3971, 0.3751$ is the 20% darker color. If you saturate the color by 10%, you get $43.2178, 0.4038, 0.3777$, and if you desaturate by 10%, it is $54.5356, 0.3550, 0.3547$.

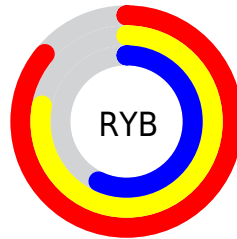
Distribution



Red (86%)

Green (69%)

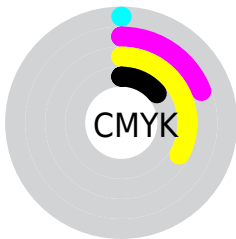
Blue (57%)



Red (86%)

Yellow (78%)

Blue (57%)

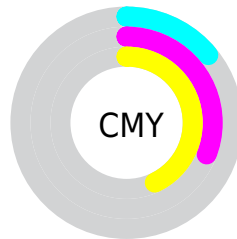


Cyan (0%)

Magenta (19%)

Yellow (33%)

Black (14%)



Cyan (14%)


Magenta (31%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5797, 0.3779, 0.3663 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 48.5797, 0.3779, 0.3663 by changing the saturation by 10% instead.


 48.5797, 0.3779,
0.3663


 48.5797, 0.3779,
0.3663


381.0853, 0.3454,
0.3486

 34.2862, 0.3859,
0.3704


 88.0669, 0.3661,
0.3601

 23.1135, 0.3962,
0.3754


 114.0294, 0.3617,
0.3577

 14.6774, 0.4096,
0.3817


144.6503, 0.3579,
0.3557

 8.5933, 0.4279,
0.3896

180.3140, 0.3547,
0.3539

 4.4769, 0.4541,
0.3996

221.4050, 0.3519,
0.3523

 1.9437, 0.5078,
0.4229

268.3076, 0.3495,

 0.5745, 0.5856,

0.3509

0.4144

321.4063, 0.3473,
0.3497

0.0000, 0.0000,
0.0000

48.5797, 0.3779,
0.3663

48.5797, 0.3779,
0.3663

43.2178, 0.4038,
0.3777

54.5356, 0.3550,
0.3547

38.4231, 0.4324,
0.3880

61.0973, 0.3351,
0.3433

34.1770, 0.4630,
0.3963

68.2850, 0.3179,
0.3325

30.4565, 0.4942,
0.4011

76.1158, 0.3031,
0.3223

27.2369, 0.5238,
0.4012

84.5750, 0.2906,
0.3135

■ 24.4904, 0.5495,
0.3959

■ 92.2450, 0.2911,
0.3265

■ 22.8997, 0.5643,
0.3901

■ 93.7966, 0.2911,
0.3289

Harmonies

Analogous

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



48.5797, 0.3758, 0.3401



48.5797, 0.3779, 0.3663



48.5797, 0.3617, 0.3846

Triad

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



48.5797, 0.3779, 0.3663



48.5797, 0.2706, 0.3444



48.5797, 0.2904, 0.2765

Complementary

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



48.5797, 0.3779, 0.3663



47.1695, 0.2604, 0.2883

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.



48.5797, 0.2644, 0.2753



48.5797, 0.3779, 0.3663



48.5797, 0.2534, 0.3125

Square

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



48.5797, 0.3779, 0.3663



48.5797, 0.2993, 0.3731



48.5797, 0.2513, 0.2876



48.5797, 0.3238, 0.2901

Rectangle

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



48.5797, 0.3779, 0.3663



48.5797, 0.3432, 0.3889



48.5797, 0.2513, 0.2876



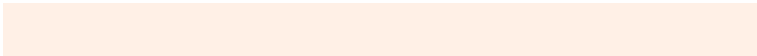
48.5797, 0.2806, 0.2746

Sweetspot

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



48.5820, 0.3779, 0.3663



89.4653, 0.3292, 0.3397



39.2667, 0.3453, 0.2789



18.8480, 0.3318, 0.3412



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.



48.5820, 0.3779, 0.3663



63.2014, 0.3957, 0.3744



64.6674, 0.3648, 0.4056



13.9569, 0.3281, 0.3390



13.7886, 0.5618, 0.3922



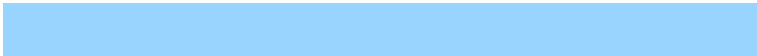
1.0618, 0.5330, 0.4150

Inverse Universe

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



47.1695, 0.2604, 0.2883



60.9006, 0.2495, 0.2781



33.7034, 0.2541, 0.2387



13.8540, 0.2982, 0.3188



12.0880, 0.1845, 0.1842



0.9526, 0.1917, 0.2101

Previews

White Background



This preview shows how the Yxy color 48.5797, 0.3779, 0.3663 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 48.5797, 0.3779, 0.3663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

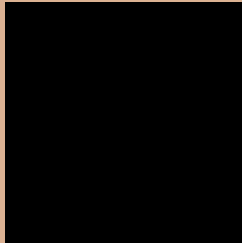
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.5797, 0.3779, 0.3663

Background



This preview shows how black text looks on a background with the Yxy color 48.5797, 0.3779, 0.3663.



This preview shows how white text looks on a background with the Yxy color 48.5797, 0.3779, 0.3663.

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

48.5797, 0.3779, 0.3663

Protanopia

48.7702, 0.3516, 0.3737

Deuteranopia

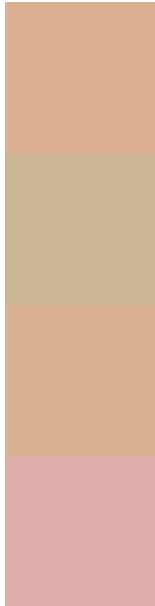
48.6678, 0.3757, 0.3677



Tritanopia

48.6958, 0.3478, 0.3140

Trichromacy



Original Color

48.5797, 0.3779, 0.3663

Protanomaly

48.6050, 0.3606, 0.3703

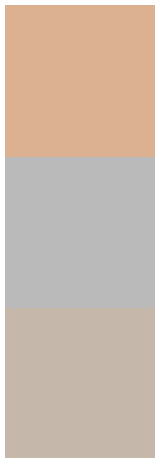
Deuteranomaly

48.8215, 0.3766, 0.3676

Tritanomaly

48.7420, 0.3591, 0.3327

Monochromacy



Original Color

48.5797, 0.3779, 0.3663

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.8130, 0.3354, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5797, 0.3779, 0.3663 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(219, 177, 146)` looks like.

```
.text, #text, p{  
    color:rgb(219, 177, 146)  
}
```

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(219, 177, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 177, 146) }
```

Border

The CSS property to change the border of an element to Yxy 48.5797, 0.3779, 0.3663 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(219, 177, 146) }
```

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

```
.border{ border-color:rgb(219, 177, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 177, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 177, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 177, 146);  
box-shadow:4px 4px 4px 4px rgb(219, 177,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5797, 0.3779, 0.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 177, 146) }
```

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

```
.background{ background-color: rgb(219,  
177, 146) }
```

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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