

Converting Colors

$Y_{xy}(47.5845, 0.3757, 0.3754)$

Have a look what the booklet for
Yxy(47.5845, 0.3757, 0.3754)
contains.

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Color

Yxy(47.5831, 0.3754, 0.3759)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D3B28C |
| RGB | 211, 178, 140 |
| RGB Percent | 83%, 70%, 55% |
| CMY | 0.1725, 0.3020, 0.4511 |
| CMYK | 0.00, 0.16, 0.34, 0.17 |
| HSL | 32°, 45%, 69% |
| HSV | 32°, 34%, 83% |
| XYZ | 47.5198, 47.5831, 31.4816 |
| YIQ | 183.5350, 31.8660, -4.8220 |

Conversions

Conversions Part 2

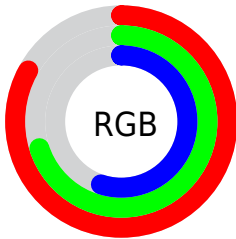
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 202, 211, 140 |
| Decimal | 13873804 |
| CIE Lab | 74.56, 6.49, 23.89 |
| CIE LCh | 75, 24.756, 74.802 |
| Yxy | 47.5831, 0.3754, 0.3759 |
| Android (android.graphics.Color) | 4292063884 (0xFFD3B28C) |
| YUV | 183.5350, -21.4628, 24.0868 |
| Hunter-Lab | 68.9805, 2.2505, 21.2274 |

Details

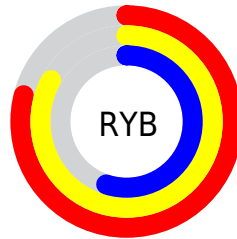
The Yxy color $47.5831, 0.3754, 0.3759$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $40.1613, 0.2586, 0.2768$, and the grayscale version is $47.7713, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.0007, 0.3535, 0.3694$, and $22.3740, 0.3922, 0.3867$ is the 20% darker color. If you saturate the color by 10%, you get $43.2573, 0.3988, 0.3900$, and if you desaturate by 10%, it is $52.3117, 0.3542, 0.3615$.

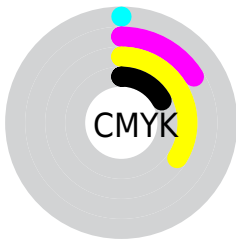
Distribution



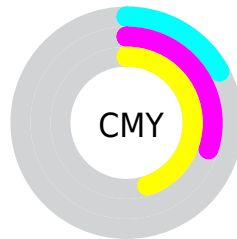
- Red (83%)
- Green (70%)
- Blue (55%)



- Red (79%)
- Yellow (83%)
- Blue (55%)



- Cyan (0%)
- Magenta (16%)
- Yellow (34%)
- Black (17%)





- Cyan (17%)
- Magenta (30%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5831, 0.3754, 0.3759 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 47.5831, 0.3754, 0.3759 by changing the saturation by 10% instead.

 47.5831, 0.3754,
0.3759

 47.5831, 0.3754,
0.3759

377.1372, 0.3442,
0.3532


 33.4969, 0.3831,
0.3813


 86.5834, 0.3641,
0.3679

 22.5073, 0.3928,
0.3879


 112.2662, 0.3599,
0.3648

 14.2302, 0.4056,
0.3964


 142.5833, 0.3562,
0.3621

 8.2809, 0.4229,
0.4074

177.9191, 0.3531,
0.3599

 4.2752, 0.4472,
0.4218

218.6580, 0.3505,
0.3579

 1.8287, 0.5120,
0.4663

265.1844, 0.3481,

 0.5050, 0.5583,

0.3561

0.4417

317.8827, 0.3460,
0.3546

0.0000, 0.0000,
0.0000

47.5831, 0.3754,
0.3759

47.5831, 0.3754,
0.3759

43.2573, 0.3988,
0.3900

52.3117, 0.3542,
0.3615

39.3151, 0.4238,
0.4029

57.4483, 0.3352,
0.3473

35.7450, 0.4498,
0.4136

63.0066, 0.3184,
0.3338

32.5326, 0.4755,
0.4207

68.9972, 0.3036,
0.3210

29.6615, 0.4994,
0.4231

75.4306, 0.2907,
0.3092

■ 27.1133, 0.5201,
0.4202

■ 81.5478, 0.2857,
0.3100

■ 25.6499, 0.5316,
0.4161

■ 87.3777, 0.2862,
0.3203

■ 92.5912, 0.2866,
0.3289

Harmonies

Analogous

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



47.5831, 0.3809, 0.3512



47.5831, 0.3754, 0.3759



47.5831, 0.3527, 0.3897

Triad

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



47.5831, 0.3754, 0.3759



47.5831, 0.2609, 0.3319



47.5831, 0.3025, 0.2791

Complementary

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



47.5831, 0.3754, 0.3759



40.1613, 0.2586, 0.2768

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.



47.5831, 0.2720, 0.2727



47.5831, 0.3754, 0.3759



47.5831, 0.2491, 0.3009

Square

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



47.5831, 0.3754, 0.3759



47.5831, 0.2865, 0.3643



47.5831, 0.2530, 0.2799



47.5831, 0.3374, 0.2971

Rectangle

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



47.5831, 0.3754, 0.3759



47.5831, 0.3314, 0.3895



47.5831, 0.2530, 0.2799



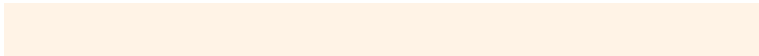
47.5831, 0.2914, 0.2755

Sweetspot

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



47.5853, 0.3754, 0.3759



91.1356, 0.3289, 0.3424



35.6229, 0.3544, 0.2882



19.2517, 0.3314, 0.3444



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.



47.5853, 0.3754, 0.3759



68.4753, 0.3910, 0.3855



61.9929, 0.3612, 0.4129



12.8411, 0.3277, 0.3415



15.6844, 0.5295, 0.4178



1.0350, 0.5039, 0.4381

Inverse Universe

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



40.1613, 0.2586, 0.2768



55.4879, 0.2473, 0.2642



29.2349, 0.2544, 0.2299



12.3103, 0.2982, 0.3162



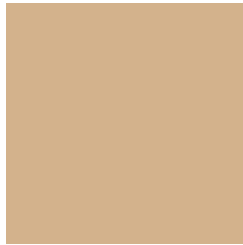
8.3178, 0.1743, 0.1474



0.6231, 0.1840, 0.1823

Previews

White Background



This preview shows how the Yxy color 47.5831, 0.3754, 0.3759 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 47.5831, 0.3754, 0.3759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

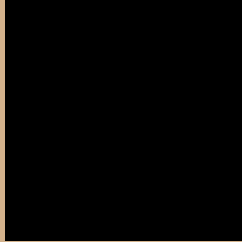
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.5831, 0.3754, 0.3759

Background



This preview shows how black text looks on a background with the Yxy color 47.5831, 0.3754, 0.3759.



This preview shows how white text looks on a background with the Yxy color 47.5831, 0.3754, 0.3759.

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

47.5831, 0.3754, 0.3759

Protanopia

47.5557, 0.3579, 0.3818

Deuteranopia

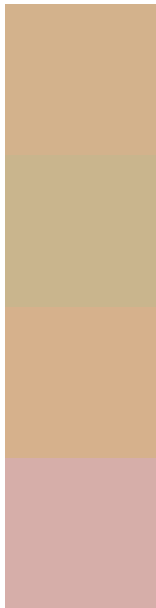
47.5430, 0.3809, 0.3727



Tritanopia

47.6068, 0.3414, 0.3136

Trichromacy



Original Color

47.5831, 0.3754, 0.3759

Protanomaly

47.3883, 0.3641, 0.3798

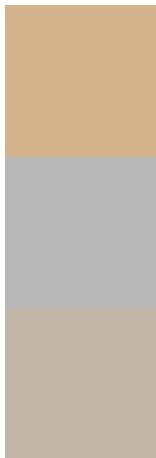
Deuteranomaly

47.6339, 0.3786, 0.3742

Tritanomaly

47.4328, 0.3535, 0.3352

Monochromacy



Original Color

47.5831, 0.3754, 0.3759

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.7524, 0.3345, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5831, 0.3754, 0.3759 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(211, 178, 140)` looks like.

```
.text, #text, p{  
    color:rgb(211, 178, 140)  
}
```

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(211, 178, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 178, 140) }
```

Border

The CSS property to change the border of an element to Yxy 47.5831, 0.3754, 0.3759 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(211, 178, 140) }
```

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

```
.border{ border-color:rgb(211, 178, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 178, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 178, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 178, 140);  
box-shadow:4px 4px 4px 4px rgb(211, 178,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5831, 0.3754, 0.3759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 178, 140) }
```

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

```
.background{ background-color: rgb(211,  
178, 140) }
```

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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