

Converting Colors

$Yxy(47.6013, 0.3650, 0.3666)$

Have a look what the booklet for
Yxy(47.6013, 0.3650, 0.3666)
contains.

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Color

Yxy(47.7882, 0.3652, 0.3676)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D0B394 |
| RGB | 208, 179, 148 |
| RGB Percent | 82%, 70%, 58% |
| CMY | 0.1843, 0.2980, 0.4196 |
| CMYK | 0.00, 0.14, 0.29, 0.18 |
| HSL | 31°, 39%, 70% |
| HSV | 31°, 29%, 82% |
| XYZ | 47.4762, 47.7882, 34.7361 |
| YIQ | 184.1370, 27.2350, -3.4930 |

Conversions

Conversions Part 2

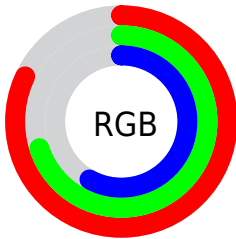
| Format | Color |
|-------------------------------------|---|
| RYB | 204, 208, 148 |
| Decimal | 13677460 |
| CIELab | 74.69, 5.81, 19.71 |
| CIELCh | 75, 20.544, 73.576 |
| Yxy | 47.7882, 0.3652, 0.3676 |
| Android (android.graphics.Color) | 4291867540 (0xFFD0B394) |
| YUV | 184.1370, -17.8155, 20.9279 |
| Hunter-Lab | 69.1290, 1.6139, 18.5981 |

Details

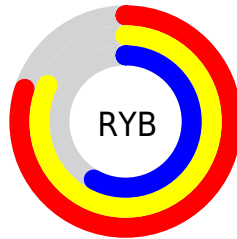
The Yxy color $47.7882, 0.3652, 0.3676$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $42.2863, 0.2668, 0.2870$, and the grayscale version is $48.1021, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.9409, 0.3480, 0.3622$, and $22.5571, 0.3807, 0.3774$ is the 20% darker color. If you saturate the color by 10%, you get $43.3073, 0.3879, 0.3815$, and if you desaturate by 10%, it is $52.6854, 0.3448, 0.3537$.

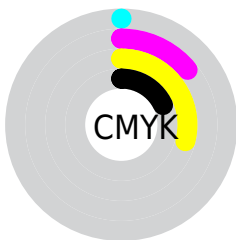
Distribution



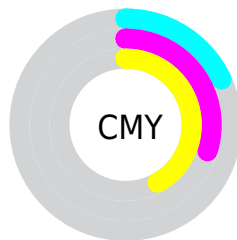
- Red (82%)
- Green (70%)
- Blue (58%)



- Red (80%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (14%)
- Yellow (29%)
- Black (18%)





- Cyan (18%)
- Magenta (30%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7882, 0.3652, 0.3676 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 47.7882, 0.3652, 0.3676 by changing the saturation by 10% instead.


 47.7882, 0.3652,
0.3676

 47.7882, 0.3652,
0.3676


377.9520, 0.3390,
0.3488

 33.6592, 0.3717,
0.3721


 86.8890, 0.3557,
0.3609

 22.6319, 0.3800,
0.3777


 112.6295, 0.3521,
0.3584

 14.3219, 0.3908,
0.3850


143.0094, 0.3491,
0.3562

 8.3449, 0.4058,
0.3946

178.4129, 0.3465,
0.3543

 4.3164, 0.4273,
0.4077

219.2246, 0.3443,
0.3527

 1.8521, 0.4714,
0.4360

265.8287, 0.3423,

 0.5193, 0.5503,

0.3512

0.4497

318.6097, 0.3406,
0.3499

0.0000, 0.0000,
0.0000

47.7882, 0.3652,
0.3676

47.7882, 0.3652,
0.3676

43.3073, 0.3879,
0.3815

52.6854, 0.3448,
0.3537

39.2235, 0.4127,
0.3946

58.0042, 0.3268,
0.3403

35.5258, 0.4390,
0.4061

63.7582, 0.3110,
0.3276

32.1997, 0.4658,
0.4147

69.9580, 0.2972,
0.3157

29.2296, 0.4917,
0.4192

76.6143, 0.2851,
0.3048

■ 26.5980, 0.5150,
0.4185

■ 82.5374, 0.2840,
0.3125

■ 24.2809, 0.5347,
0.4127

■ 88.5956, 0.2846,
0.3231

■ 24.0309, 0.5369,
0.4119

■ 92.1491, 0.2849,
0.3289

Harmonies

Analogous

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



47.7882, 0.3689, 0.3470



47.7882, 0.3652, 0.3676



47.7882, 0.3471, 0.3790

Triad

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



47.7882, 0.3652, 0.3676



47.7882, 0.2703, 0.3328



47.7882, 0.3032, 0.2867

Complementary

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



47.7882, 0.3652, 0.3676



42.2863, 0.2668, 0.2870

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.



47.7882, 0.2780, 0.2819



47.7882, 0.3652, 0.3676



47.7882, 0.2596, 0.3069

Square

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



47.7882, 0.3652, 0.3676



47.7882, 0.2921, 0.3590



47.7882, 0.2624, 0.2887



47.7882, 0.3322, 0.3015

Rectangle

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



47.7882, 0.3652, 0.3676



47.7882, 0.3297, 0.3789



47.7882, 0.2624, 0.2887



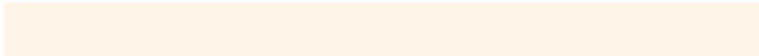
47.7882, 0.2940, 0.2839

Sweetspot

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



47.7904, 0.3652, 0.3676



91.7377, 0.3273, 0.3406



37.7615, 0.3457, 0.2931



19.3613, 0.3298, 0.3426



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.



47.7904, 0.3652, 0.3676



71.0319, 0.3798, 0.3768



60.5116, 0.3551, 0.4007



12.8045, 0.3278, 0.3410



15.1728, 0.5348, 0.4136



1.0069, 0.5080, 0.4348

Inverse Universe

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



42.2863, 0.2668, 0.2870



60.8362, 0.2560, 0.2757



32.1212, 0.2633, 0.2460



12.3468, 0.2982, 0.3167



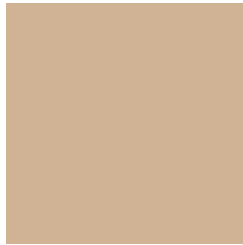
8.7692, 0.1759, 0.1533



0.6489, 0.1854, 0.1874

Previews

White Background



This preview shows how the Yxy color 47.7882, 0.3652, 0.3676 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 47.7882, 0.3652, 0.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

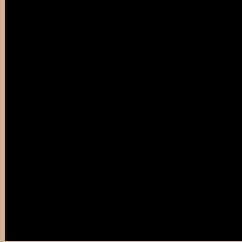
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7882, 0.3652, 0.3676

Background



This preview shows how black text looks on a background with the Yxy color 47.7882, 0.3652, 0.3676.



This preview shows how white text looks on a background with the Yxy color 47.7882, 0.3652, 0.3676.

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

47.7882, 0.3652, 0.3676

Protanopia

48.0851, 0.3500, 0.3728

Deuteranopia

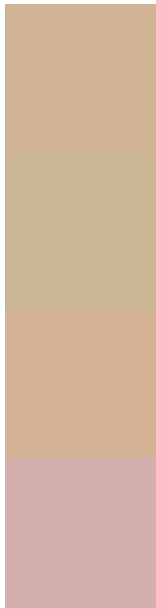
47.8785, 0.3715, 0.3645



Tritanopia

47.8570, 0.3358, 0.3135

Trichromacy



Original Color

47.7882, 0.3652, 0.3676

Protanomaly

47.9052, 0.3560, 0.3710

Deuteranomaly

47.9760, 0.3693, 0.3659

Tritanomaly

47.9167, 0.3467, 0.3328

Monochromacy



Original Color

47.7882, 0.3652, 0.3676

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.7336, 0.3312, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7882, 0.3652, 0.3676 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(208, 179, 148)` looks like.

```
.text, #text, p{  
    color:rgb(208, 179, 148)  
}
```

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(208, 179, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 179, 148) }
```

Border

The CSS property to change the border of an element to Yxy 47.7882, 0.3652, 0.3676 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(208, 179, 148) }
```

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

```
.border{ border-color:rgb(208, 179, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 179, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 179, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 179, 148);  
box-shadow:4px 4px 4px 4px rgb(208, 179,  
148) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 47.7882, 0.3652, 0.3676$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 179, 148) }
```

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

```
.background{ background-color: rgb(208,  
179, 148) }
```

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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