

Converting Colors

$Yxy(47.8914, 0.3709, 0.3692)$

Have a look what the booklet for
Yxy(47.8914, 0.3709, 0.3692)
contains.

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Color

Yxy(47.7650, 0.3701, 0.3685)

Conversions

Conversions Part 1

Format	Color
Hex	D3B292
RGB	211, 178, 146
RGB Percent	83%, 70%, 57%
CMY	0.1725, 0.3019, 0.4275
CMYK	0.00, 0.16, 0.31, 0.17
HSL	30°, 42%, 70%
HSV	30°, 31%, 83%
XYZ	47.9724, 47.7650, 33.8827
YIQ	184.2190, 29.9400, -2.9560

Conversions

Conversions Part 2

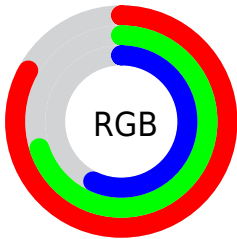
Format	Color
RYB	211, 209, 146
Decimal	13873810
CIELab	74.68, 7.25, 20.81
CIELCh	75, 22.035, 70.793
Yxy	47.7650, 0.3701, 0.3685
Android (android.graphics.Color)	4292063890 (0xFFD3B292)
YUV	184.2190, -18.8420, 23.4869
Hunter-Lab	69.1122, 2.9546, 19.3113

Details

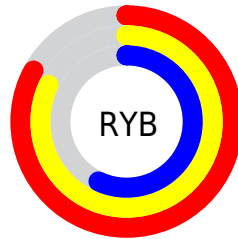
The Yxy color $47.7650, 0.3701, 0.3685$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $43.0500, 0.2638, 0.2858$, and the grayscale version is $48.1548, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.2758, 0.3495, 0.3633$, and $22.4620, 0.3862, 0.3786$ is the 20% darker color. If you saturate the color by 10%, you get $43.0729, 0.3937, 0.3817$, and if you desaturate by 10%, it is $52.9154, 0.3489, 0.3552$.

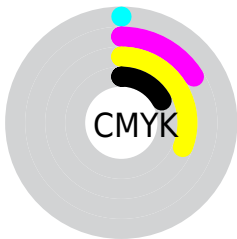
Distribution



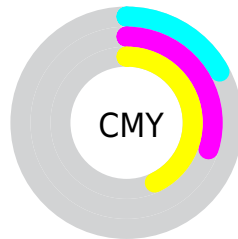
- Red (83%)
- Green (70%)
- Blue (57%)



- Red (83%)
- Yellow (82%)
- Blue (57%)



- Cyan (0%)
- Magenta (16%)
- Yellow (31%)
- Black (17%)





- Cyan (17%)
- Magenta (30%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7650, 0.3701, 0.3685 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 47.7650, 0.3701, 0.3685 by changing the saturation by 10% instead.

 47.7650, 0.3701,
0.3685

 47.7650, 0.3701,
0.3685


377.8599, 0.3414,
0.3494

 33.6408, 0.3772,
0.3730


 86.8544, 0.3597,
0.3617

 22.6178, 0.3862,
0.3787


 112.5884, 0.3558,
0.3591

 14.3116, 0.3981,
0.3859


142.9612, 0.3525,
0.3569

 8.3377, 0.4144,
0.3953

178.3571, 0.3497,
0.3550

 4.3118, 0.4377,
0.4078

219.1605, 0.3472,
0.3533

 1.8494, 0.4881,
0.4375

265.7559, 0.3450,

 0.5177, 0.5638,

0.3519

0.4362

318.5275, 0.3431,
0.3506

0.0000, 0.0000,
0.0000

47.7650, 0.3701,
0.3685

47.7650, 0.3701,
0.3685

43.0729, 0.3937,
0.3817

52.9154, 0.3489,
0.3552

38.8184, 0.4196,
0.3940

58.5311, 0.3303,
0.3422

34.9884, 0.4471,
0.4045

64.6270, 0.3139,
0.3300

31.5668, 0.4750,
0.4118

71.2155, 0.2997,
0.3185

28.5356, 0.5018,
0.4148

78.3082, 0.2874,
0.3079

■ 25.8749, 0.5256,
0.4124

■ 84.7309, 0.2859,
0.3157

■ 23.7300, 0.5442,
0.4061

■ 91.3034, 0.2865,
0.3268

■ 92.5890, 0.2866,
0.3289

Harmonies

Analogous

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



47.7650, 0.3725, 0.3457



47.7650, 0.3701, 0.3685



47.7650, 0.3518, 0.3821

Triad

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



47.7650, 0.3701, 0.3685



47.7650, 0.2690, 0.3357



47.7650, 0.2997, 0.2829

Complementary

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



47.7650, 0.3701, 0.3685



43.0500, 0.2638, 0.2858

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.



47.7650, 0.2734, 0.2787



47.7650, 0.3701, 0.3685



47.7650, 0.2564, 0.3075

Square

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



47.7650, 0.3701, 0.3685



47.7650, 0.2932, 0.3635



47.7650, 0.2580, 0.2871



47.7650, 0.3307, 0.2978

Rectangle

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



47.7650, 0.3701, 0.3685



47.7650, 0.3336, 0.3832



47.7650, 0.2580, 0.2871



47.7650, 0.2900, 0.2802

Sweetspot

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



47.7672, 0.3701, 0.3685



91.4006, 0.3273, 0.3401



37.6835, 0.3465, 0.2880



19.2783, 0.3299, 0.3419



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.



47.7672, 0.3701, 0.3685



68.5001, 0.3854, 0.3773



61.9765, 0.3593, 0.4043



12.7558, 0.3278, 0.3405



14.5253, 0.5419, 0.4079



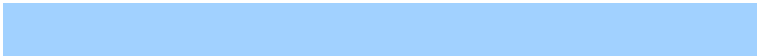
0.9708, 0.5135, 0.4304

Inverse Universe

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



43.0500, 0.2638, 0.2858



60.1360, 0.2530, 0.2748



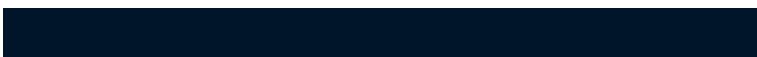
31.7056, 0.2586, 0.2407



12.3954, 0.2982, 0.3173



9.4024, 0.1782, 0.1614



0.6844, 0.1873, 0.1944

Previews

White Background



This preview shows how the Yxy color 47.7650, 0.3701, 0.3685 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 47.7650, 0.3701, 0.3685 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 47.7650, 0.3701, 0.3685

Background



This preview shows how black text looks on a background with the Yxy color 47.7650, 0.3701, 0.3685.



This preview shows how white text looks on a background with the Yxy color 47.7650, 0.3701, 0.3685.

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

47.7650, 0.3701, 0.3685

Protanopia

48.0530, 0.3509, 0.3741

Deuteranopia

47.8157, 0.3733, 0.3669



Tritanopia

47.4973, 0.3397, 0.3124

Trichromacy



Original Color

47.7650, 0.3701, 0.3685

Protanomaly

48.0115, 0.3578, 0.3721

Deuteranomaly

47.6657, 0.3723, 0.3670

Tritanomaly

47.5085, 0.3517, 0.3327

Monochromacy



Original Color

47.7650, 0.3701, 0.3685

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.8275, 0.3329, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7650, 0.3701, 0.3685 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(211, 178, 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(211, 178, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 178, 146) }
```

Border

The CSS property to change the border of an element to Yxy 47.7650, 0.3701, 0.3685 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, 146) }
```

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

```
.border{ border-color:rgb(211, 178, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 178, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 178, 146);  
box-shadow:4px 4px 4px 4px rgb(211, 178,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7650, 0.3701, 0.3685 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, 146) }
```

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

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