

Converting Colors

$Yxy(47.6298, 0.3677, 0.3706)$

Have a look what the booklet for
Yxy(47.6298, 0.3677, 0.3706)
contains.

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Color

Yxy(47.6944, 0.3678, 0.3713)

Conversions

Conversions Part 1

Format	Color
Hex	D0B391
RGB	208, 179, 145
RGB Percent	82%, 70%, 57%
CMY	0.1843, 0.2980, 0.4313
CMYK	0.00, 0.14, 0.30, 0.18
HSL	32°, 40%, 69%
HSV	32°, 30%, 82%
XYZ	47.2448, 47.6944, 33.5132
YIQ	183.7950, 28.1980, -4.4260

Conversions

Conversions Part 2

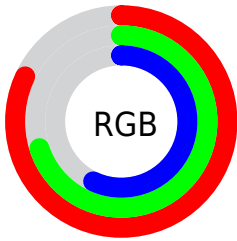
Format	Color
R _Y B	199, 208, 145
Decimal	13677457
CIE Lab	74.63, 5.42, 21.23
CIE LCh	75, 21.907, 75.679
Yxy	47.6944, 0.3678, 0.3713
Android (android.graphics.Color)	4291867537 (0xFFD0B391)
YUV	183.7950, -19.1259, 21.2278
Hunter-Lab	69.0611, 1.2551, 19.5712

Details

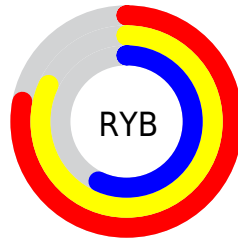
The Yxy color $47.6944, 0.3678, 0.3713$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $40.8565, 0.2642, 0.2825$, and the grayscale version is $47.9116, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.8002, 0.3500, 0.3652$, and $22.5022, 0.3843, 0.3823$ is the 20% darker color. If you saturate the color by 10%, you get $43.4056, 0.3904, 0.3857$, and if you desaturate by 10%, it is $52.3717, 0.3474, 0.3568$.

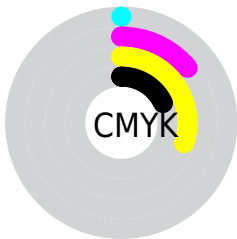
Distribution



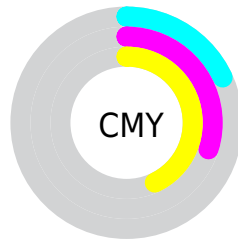
- Red (82%)
- Green (70%)
- Blue (57%)



- Red (78%)
- Yellow (82%)
- Blue (57%)



- Cyan (0%)
- Magenta (14%)
- Yellow (30%)
- Black (18%)




- Cyan (18%)
- Magenta (30%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.6944, 0.3678, 0.3713 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 47.6944, 0.3678, 0.3713 by changing the saturation by 10% instead.


 47.6944, 0.3678,
0.3713


 47.6944, 0.3678,
0.3713


377.5795, 0.3403,
0.3507

 33.5849, 0.3746,
0.3762


 86.7492, 0.3579,
0.3640

 22.5749, 0.3832,
0.3824


 112.4634, 0.3541,
0.3612

 14.2800, 0.3946,
0.3903


142.8145, 0.3509,
0.3588

 8.3156, 0.4100,
0.4008

178.1871, 0.3482,
0.3567

 4.2976, 0.4321,
0.4149

218.9655, 0.3459,
0.3549

 1.8414, 0.4821,
0.4496

265.5341, 0.3438,

 0.5128, 0.5472,

0.3533

0.4528

318.2773, 0.3420,
0.3519

0.0000, 0.0000,
0.0000

47.6944, 0.3678,
0.3713

47.6944, 0.3678,
0.3713

43.4056, 0.3904,
0.3857

52.3717, 0.3474,
0.3568

39.4870, 0.4148,
0.3992

57.4422, 0.3292,
0.3427

35.9281, 0.4404,
0.4108

62.9186, 0.3131,
0.3294

32.7155, 0.4661,
0.4194

68.8110, 0.2990,
0.3168

29.8342, 0.4906,
0.4237

75.1291, 0.2867,
0.3053

■ 27.2675, 0.5123,
0.4227

■ 80.8903, 0.2838,
0.3095

■ 25.0485, 0.5302,
0.4172

■ 86.5687, 0.2844,
0.3196

■ 92.1500, 0.2849,
0.3289

Harmonies

Analogous

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



47.6944, 0.3730, 0.3497



47.6944, 0.3678, 0.3713



47.6944, 0.3475, 0.3827

Triad

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



47.6944, 0.3678, 0.3713



47.6944, 0.2663, 0.3309



47.6944, 0.3046, 0.2848

Complementary

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



47.6944, 0.3678, 0.3713



40.8565, 0.2642, 0.2825

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.



47.6944, 0.2773, 0.2788



47.6944, 0.3678, 0.3713



47.6944, 0.2560, 0.3036

Square

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



47.6944, 0.3678, 0.3713



47.6944, 0.2888, 0.3593



47.6944, 0.2599, 0.2851



47.6944, 0.3355, 0.3012

Rectangle

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



47.6944, 0.3678, 0.3713



47.6944, 0.3286, 0.3820



47.6944, 0.2599, 0.2851



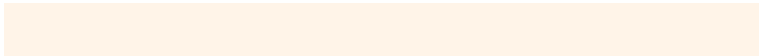
47.6944, 0.2947, 0.2816

Sweetspot

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



47.6966, 0.3678, 0.3713



92.0511, 0.3272, 0.3411



36.7404, 0.3489, 0.2925



19.4385, 0.3297, 0.3432



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.



47.6966, 0.3678, 0.3713



71.3647, 0.3814, 0.3802



60.2647, 0.3564, 0.4045



12.8497, 0.3277, 0.3416



15.8069, 0.5282, 0.4188



1.0417, 0.5029, 0.4389

Inverse Universe

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



40.8565, 0.2642, 0.2825



58.9151, 0.2539, 0.2713



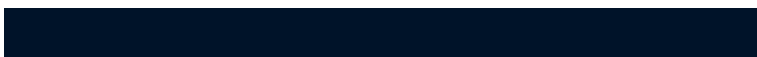
31.0269, 0.2613, 0.2415



12.3018, 0.2982, 0.3161



8.2154, 0.1739, 0.1460



0.6172, 0.1836, 0.1811

Previews

White Background



This preview shows how the Yxy color 47.6944, 0.3678, 0.3713 looks on a white background.

Color Contrast Check

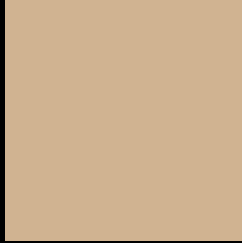
Large Text (above 18pt) WCAG AA × Fail

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 47.6944, 0.3678, 0.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

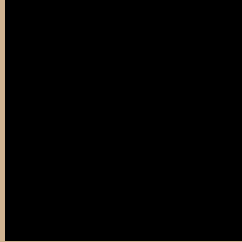
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.6944, 0.3678, 0.3713

Background



This preview shows how black text looks on a background with the Yxy color 47.6944, 0.3678, 0.3713.



This preview shows how white text looks on a background with the Yxy color 47.6944, 0.3678, 0.3713.

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

47.6944, 0.3678, 0.3713

Protanopia

47.5757, 0.3528, 0.3755

Deuteranopia

47.4221, 0.3736, 0.3657



Tritanopia

47.6211, 0.3368, 0.3123

Trichromacy



Original Color

47.6944, 0.3678, 0.3713

Protanomaly

47.8106, 0.3585, 0.3748

Deuteranomaly

47.5167, 0.3714, 0.3672

Tritanomaly

47.4874, 0.3478, 0.3328

Monochromacy



Original Color

47.6944, 0.3678, 0.3713

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.6956, 0.3320, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6944, 0.3678, 0.3713 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(208, 179, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 179, 145) }
```

Border

The CSS property to change the border of an element to Yxy 47.6944, 0.3678, 0.3713 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, 145) }
```

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

```
.border{ border-color:rgb(208, 179, 145) }
```

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, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 179, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 179, 145);  
box-shadow:4px 4px 4px 4px rgb(208, 179,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6944, 0.3678, 0.3713 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, 145) }
```

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

```
.background{ background-color: rgb(208,  
179, 145) }
```

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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