

Converting Colors

Yxy(47.1666, 0.3676, 0.3655)

Have a look what the booklet for
Yxy(47.1666, 0.3676, 0.3655)
contains.

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Color

Yxy(47.1377, 0.3668, 0.3651)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D1B194 |
| RGB | 209, 177, 148 |
| RGB Percent | 82%, 69%, 58% |
| CMY | 0.1805, 0.3058, 0.4197 |
| CMYK | 0.00, 0.15, 0.29, 0.18 |
| HSL | 29°, 40%, 70% |
| HSV | 29°, 29%, 82% |
| XYZ | 47.3572, 47.1377, 34.6141 |
| YIQ | 183.2620, 28.3810, -2.2350 |

Conversions

Conversions Part 2

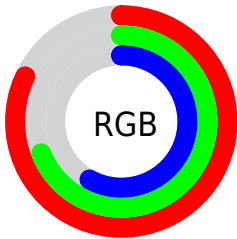
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 209, 203, 148 |
| Decimal | 13742484 |
| CIE Lab | 74.28, 7.26, 19.15 |
| CIE LCh | 74, 20.482, 69.244 |
| Yxy | 47.1377, 0.3668, 0.3651 |
| Android (android.graphics.Color) | 4291932564 (0xFFD1B194) |
| YUV | 183.2620, -17.3842, 22.5722 |
| Hunter-Lab | 68.6569, 2.9736, 18.1681 |

Details

The Yxy color $47.1377, 0.3668, 0.3651$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $43.5225, 0.2666, 0.2899$, and the grayscale version is $47.5906, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.8021, 0.3484, 0.3602$, and $22.1484, 0.3831, 0.3739$ is the 20% darker color. If you saturate the color by 10%, you get $42.3815, 0.3904, 0.3779$, and if you desaturate by 10%, it is $52.3651, 0.3459, 0.3522$.

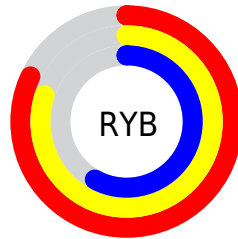
Distribution



Red (82%)

Green (69%)

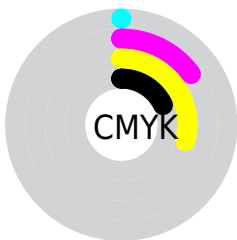
Blue (58%)



Red (82%)

Yellow (80%)

Blue (58%)

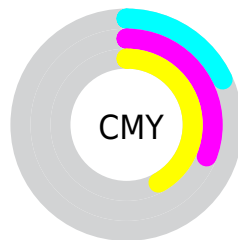


Cyan (0%)

Magenta (15%)

Yellow (29%)

Black (18%)



Cyan (18%)


Magenta (31%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1377, 0.3668, 0.3651 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 47.1377, 0.3668, 0.3651 by changing the saturation by 10% instead.

 47.1377, 0.3668,
0.3651

 47.1377, 0.3668,
0.3651


375.3639, 0.3397,
0.3476

 33.1445, 0.3735,
0.3693


 85.9191, 0.3570,
0.3589

 22.2372, 0.3822,
0.3745


 111.4762, 0.3533,
0.3565

 14.0313, 0.3935,
0.3812


141.6566, 0.3501,
0.3545

 8.1424, 0.4092,
0.3900

176.8449, 0.3475,
0.3527

 4.1862, 0.4319,
0.4019

217.4254, 0.3451,
0.3512

 1.7783, 0.4793,
0.4287

263.7824, 0.3431,

 0.4736, 0.5698,

0.3498

0.4302

316.3005, 0.3413,
0.3486

0.0000, 0.0000,
0.0000

47.1377, 0.3668,
0.3651

47.1377, 0.3668,
0.3651

42.3815, 0.3904,
0.3779

52.3651, 0.3459,
0.3522

38.0754, 0.4163,
0.3901

58.0710, 0.3275,
0.3398

34.2061, 0.4442,
0.4005

64.2706, 0.3115,
0.3281

30.7571, 0.4729,
0.4081

70.9765, 0.2976,
0.3171

27.7103, 0.5008,
0.4115

78.2009, 0.2856,
0.3070

■ 25.0458, 0.5260,
0.4097

■ 84.7144, 0.2848,
0.3161

■ 22.7359, 0.5473,
0.4029

■ 91.4577, 0.2854,
0.3276

■ 22.5614, 0.5490,
0.4023

■ 92.2926, 0.2855,
0.3289

Harmonies

Analogous

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



47.1377, 0.3682, 0.3436



47.1377, 0.3668, 0.3651



47.1377, 0.3505, 0.3782

Triad

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



47.1377, 0.3668, 0.3651



47.1377, 0.2728, 0.3368



47.1377, 0.2991, 0.2853

Complementary

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



47.1377, 0.3668, 0.3651



43.5225, 0.2666, 0.2899

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.



47.1377, 0.2749, 0.2821



47.1377, 0.3668, 0.3651



47.1377, 0.2603, 0.3103

Square

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



47.1377, 0.3668, 0.3651



47.1377, 0.2959, 0.3623



47.1377, 0.2611, 0.2907



47.1377, 0.3281, 0.2988

Rectangle

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



47.1377, 0.3668, 0.3651



47.1377, 0.3337, 0.3796



47.1377, 0.2611, 0.2907



47.1377, 0.2902, 0.2829

Sweetspot

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



47.1399, 0.3668, 0.3651



91.1730, 0.3274, 0.3397



38.0453, 0.3431, 0.2890



19.2223, 0.3299, 0.3415



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.



47.1399, 0.3668, 0.3651



69.2237, 0.3811, 0.3731



60.2910, 0.3571, 0.3992



12.7229, 0.3279, 0.3401



14.1081, 0.5467, 0.4041



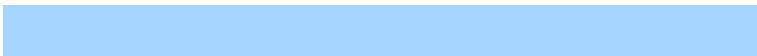
0.9472, 0.5173, 0.4274

Inverse Universe

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



43.5225, 0.2666, 0.2899



62.6518, 0.2566, 0.2800



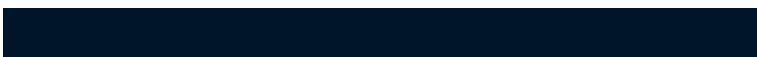
32.7170, 0.2620, 0.2476



12.4284, 0.2983, 0.3177



9.8526, 0.1797, 0.1670



0.7093, 0.1887, 0.1991

Previews

White Background



This preview shows how the Yxy color 47.1377, 0.3668, 0.3651 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 47.1377, 0.3668, 0.3651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

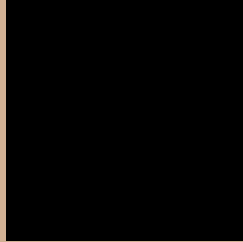
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.1377, 0.3668, 0.3651

Background



This preview shows how black text looks on a background with the Yxy color 47.1377, 0.3668, 0.3651.



This preview shows how white text looks on a background with the Yxy color 47.1377, 0.3668, 0.3651.

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

47.1377, 0.3668, 0.3651

Protanopia

47.0277, 0.3479, 0.3693

Deuteranopia

47.1858, 0.3700, 0.3635



Tritanopia

47.1540, 0.3387, 0.3135

Trichromacy



Original Color

47.1377, 0.3668, 0.3651

Protanomaly

46.9866, 0.3548, 0.3674

Deuteranomaly

47.0377, 0.3690, 0.3636

Tritanomaly

47.2477, 0.3490, 0.3315

Monochromacy



Original Color

47.1377, 0.3668, 0.3651

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.1565, 0.3313, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1377, 0.3668, 0.3651 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(209, 177, 148)` looks like.

```
.text, #text, p{  
    color:rgb(209, 177, 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(209, 177, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 177, 148) }
```

Border

The CSS property to change the border of an element to Yxy 47.1377, 0.3668, 0.3651 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(209, 177, 148) }
```

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

```
.border{ border-color:rgb(209, 177, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 177, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 177, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 177, 148);  
box-shadow:4px 4px 4px 4px rgb(209, 177,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1377, 0.3668, 0.3651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 177, 148) }
```

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

```
.background{ background-color: rgb(209,  
177, 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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