

Converting Colors

Yxy(50.7152, 0.3690, 0.3727)

Have a look what the booklet for
Yxy(50.7152, 0.3690, 0.3727)
contains.

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Color

Yxy(50.7152, 0.3690, 0.3727)

Conversions

Conversions Part 1

Format	Color
Hex	D6B894
RGB	214, 184, 148
RGB Percent	84%, 72%, 58%
CMY	0.1609, 0.2784, 0.4197
CMYK	0.00, 0.14, 0.31, 0.16
HSL	33°, 45%, 71%
HSV	33°, 31%, 84%
XYZ	50.2117, 50.7152, 35.1482
YIQ	188.8660, 29.4360, -4.8360

Conversions

Conversions Part 2

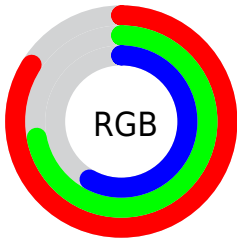
Format	Color
RYB	203, 214, 148
Decimal	14071956
CIELab	76.51, 5.46, 22.30
CIELCh	77, 22.956, 76.234
Yxy	50.7152, 0.3690, 0.3727
Android (android.graphics.Color)	4292262036 (0xFFD6B894)
YUV	188.8660, -20.1469, 22.0425
Hunter-Lab	71.2146, 1.2305, 20.5874

Details

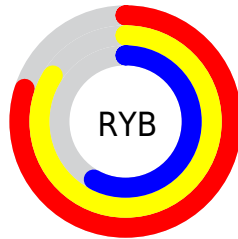
The Yxy color **50.7152, 0.3690, 0.3727** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.9656, 0.2631, 0.2808**, and the grayscale version is **50.9122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8444, 0.3470, 0.3670**, and **24.3648, 0.3841, 0.3839** is the 20% darker color. If you saturate the color by 10%, you get **46.2025, 0.3916, 0.3872**, and if you desaturate by 10%, it is **55.6351, 0.3485, 0.3580**.

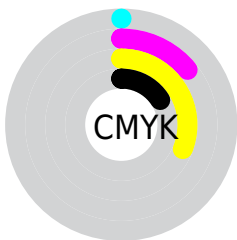
Distribution



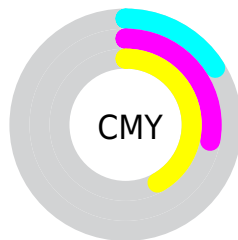
- Red (84%)
- Green (72%)
- Blue (58%)



- Red (80%)
- Yellow (84%)
- Blue (58%)



- Cyan (0%)
- Magenta (14%)
- Yellow (31%)
- Black (16%)





- Cyan (16%)
- Magenta (28%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7152, 0.3690, 0.3727 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 50.7152, 0.3690, 0.3727 by changing the saturation by 10% instead.


 50.7152, 0.3690,
0.3727

 50.7152, 0.3690,
0.3727

389.4563, 0.3412,
0.3516

 35.9820, 0.3758,
0.3777


 91.2337, 0.3590,
0.3653

 24.4203, 0.3843,
0.3839


 117.7877, 0.3552,
0.3624

 15.6457, 0.3955,
0.3917


149.0508, 0.3520,
0.3600

 9.2738, 0.4105,
0.4021

185.4074, 0.3493,
0.3578

 4.9202, 0.4317,
0.4158

227.2418, 0.3469,
0.3560

 2.2005, 0.4713,
0.4421

274.9385, 0.3448,

 0.7203, 0.5318,

0.3544

0.4682

328.8819, 0.3429,
0.3529

0.0000, 0.0000,
0.0000

50.7152, 0.3690,
0.3727

50.7152, 0.3690,
0.3727

46.2025, 0.3916,
0.3872

55.6351, 0.3485,
0.3580

42.0774, 0.4160,
0.4008

60.9669, 0.3302,
0.3437

38.3291, 0.4414,
0.4125

66.7240, 0.3140,
0.3301

34.9433, 0.4669,
0.4209

72.9172, 0.2998,
0.3174

31.9041, 0.4909,
0.4250

79.5567, 0.2873,
0.3056

■ 29.1936, 0.5121,
0.4238

■ 85.1990, 0.2877,
0.3158

■ 26.9769, 0.5285,
0.4185

■ 91.1464, 0.2881,
0.3259

■ 93.0335, 0.2883,
0.3289

Harmonies

Analogous

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



50.7152, 0.3747, 0.3506



50.7152, 0.3690, 0.3727



50.7152, 0.3479, 0.3843

Triad

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



50.7152, 0.3690, 0.3727



50.7152, 0.2648, 0.3304



50.7152, 0.3050, 0.2840

Complementary

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



50.7152, 0.3690, 0.3727



42.9656, 0.2631, 0.2808

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.



50.7152, 0.2768, 0.2776



50.7152, 0.3690, 0.3727



50.7152, 0.2545, 0.3025

Square

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



50.7152, 0.3690, 0.3727



50.7152, 0.2876, 0.3596



50.7152, 0.2588, 0.2838



50.7152, 0.3367, 0.3009

Rectangle

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



50.7152, 0.3690, 0.3727



50.7152, 0.3284, 0.3833



50.7152, 0.2588, 0.2838



50.7152, 0.2948, 0.2805

Sweetspot

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



50.7175, 0.3690, 0.3727



92.1403, 0.3272, 0.3413



38.7109, 0.3499, 0.2917



19.4605, 0.3297, 0.3433



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.



50.7175, 0.3690, 0.3727



70.9899, 0.3835, 0.3822



64.1862, 0.3573, 0.4060



13.5332, 0.3278, 0.3417



16.5194, 0.5265, 0.4201



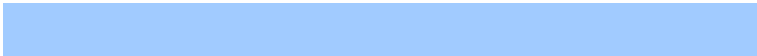
1.1609, 0.5030, 0.4388

Inverse Universe

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



42.9656, 0.2631, 0.2808



57.7026, 0.2522, 0.2687



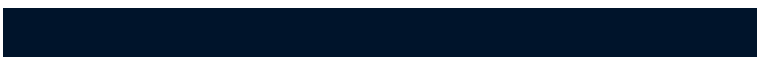
32.5265, 0.2600, 0.2394



12.9281, 0.2982, 0.3159



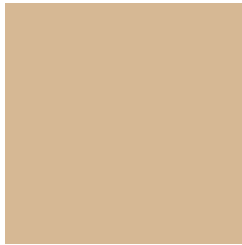
8.3221, 0.1733, 0.1438



0.6661, 0.1825, 0.1769

Previews

White Background



This preview shows how the Yxy color 50.7152, 0.3690, 0.3727 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 50.7152, 0.3690, 0.3727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

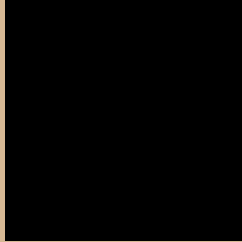
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7152, 0.3690, 0.3727

Background



This preview shows how black text looks on a background with the Yxy color 50.7152, 0.3690, 0.3727.



This preview shows how white text looks on a background with the Yxy color 50.7152, 0.3690, 0.3727.

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

50.7152, 0.3690, 0.3727

Protanopia

51.0147, 0.3540, 0.3779

Deuteranopia

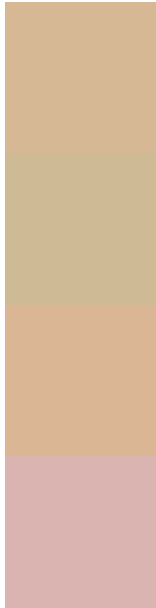
50.5898, 0.3756, 0.3671



Tritanopia

50.7066, 0.3371, 0.3128

Trichromacy



Original Color

50.7152, 0.3690, 0.3727

Protanomaly

50.8324, 0.3599, 0.3761

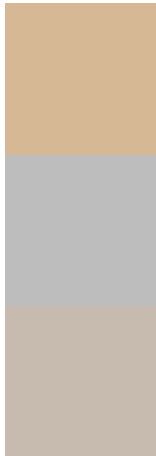
Deuteranomaly

50.5312, 0.3725, 0.3686

Tritanomaly

50.5288, 0.3487, 0.3339

Monochromacy



Original Color

50.7152, 0.3690, 0.3727

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.6024, 0.3323, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7152, 0.3690, 0.3727 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(214, 184, 148)` looks like.

```
.text, #text, p{  
    color:rgb(214, 184, 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(214, 184, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 184, 148) }
```

Border

The CSS property to change the border of an element to Yxy 50.7152, 0.3690, 0.3727 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(214, 184, 148) }
```

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

```
.border{ border-color:rgb(214, 184, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 184, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 184, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 184, 148);  
box-shadow:4px 4px 4px 4px rgb(214, 184,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7152, 0.3690, 0.3727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 184, 148) }
```

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

```
.background{ background-color: rgb(214,  
184, 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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