

Converting Colors

$Y_{xy}(50.7224, 0.3733, 0.3826)$

Have a look what the booklet for
Yxy(50.7224, 0.3733, 0.3826)
contains.

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Color

Yxy(50.7671, 0.3736, 0.3824)

Conversions

Conversions Part 1

Format	Color
Hex	D5B98D
RGB	213, 185, 141
RGB Percent	84%, 73%, 55%
CMY	0.1647, 0.2745, 0.4470
CMYK	0.00, 0.13, 0.34, 0.16
HSL	37°, 46%, 69%
HSV	37°, 34%, 84%
XYZ	49.5988, 50.7671, 32.3932
YIQ	188.3560, 30.8120, -7.7480

Conversions

Conversions Part 2

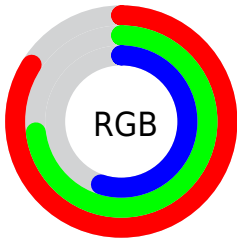
Format	Color
R _{YB}	187, 213, 141
Decimal	14006669
CIE Lab	76.54, 3.68, 26.03
CIE LCh	77, 26.292, 81.964
Yxy	50.7671, 0.3736, 0.3824
Android (android.graphics.Color)	4292196749 (0xFFD5B98D)
YUV	188.3560, -23.3465, 21.6128
Hunter-Lab	71.2510, -0.4330, 22.9204

Details

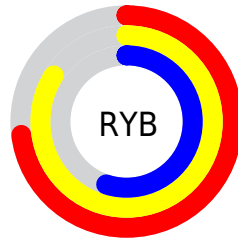
The Yxy color **50.7671, 0.3736, 0.3824** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.8534, 0.2573, 0.2688**, and the grayscale version is **50.6269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1107, 0.3513, 0.3750**, and **24.4088, 0.3901, 0.3967** is the 20% darker color. If you saturate the color by 10%, you get **46.8286, 0.3953, 0.3983**, and if you desaturate by 10%, it is **55.0342, 0.3534, 0.3661**.

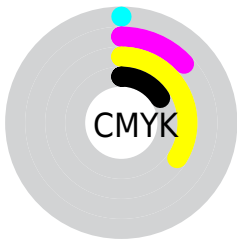
Distribution



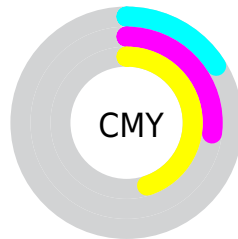
- Red (84%)
- Green (73%)
- Blue (55%)



- Red (73%)
- Yellow (84%)
- Blue (55%)



- Cyan (0%)
- Magenta (13%)
- Yellow (34%)
- Black (16%)





- Cyan (16%)
- Magenta (27%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7671, 0.3736, 0.3824 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 50.7671, 0.3736, 0.3824 by changing the saturation by 10% instead.

 50.7671, 0.3736,
0.3824

 50.7671, 0.3736,
0.3824

389.6582, 0.3437,
0.3566


 36.0233, 0.3808,
0.3885


 91.3104, 0.3629,
0.3733

 24.4522, 0.3899,
0.3960


 117.8787, 0.3588,
0.3698

 15.6694, 0.4016,
0.4057


 149.1573, 0.3554,
0.3668

 9.2905, 0.4171,
0.4181

185.5305, 0.3524,
0.3642

 4.9312, 0.4384,
0.4346

227.3829, 0.3498,
0.3619

 2.2069, 0.4878,
0.4749

275.0987, 0.3475,

 0.7238, 0.5179,

0.3599

0.4821

329.0623, 0.3455,
0.3582

0.0000, 0.0000,
0.0000

50.7671, 0.3736,
0.3824

50.7671, 0.3736,
0.3824

46.8286, 0.3953,
0.3983

55.0342, 0.3534,
0.3661

43.2014, 0.4181,
0.4128

59.6328, 0.3350,
0.3501

39.8765, 0.4411,
0.4250


64.5744, 0.3185,
0.3346

36.8417, 0.4633,
0.4337


69.8678, 0.3038,
0.3201


34.0832, 0.4834,
0.4377

75.5213, 0.2907,
0.3065

 31.5851, 0.5004,
0.4364

 80.6204, 0.2868,
0.3078

 30.1506, 0.5096,
0.4335

 85.4683, 0.2872,
0.3165

 90.5400, 0.2876,
0.3251

 92.8863, 0.2877,
0.3289

Harmonies

Analogous

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



50.7671, 0.3841, 0.3586



50.7671, 0.3736, 0.3824



50.7671, 0.3467, 0.3931

Triad

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



50.7671, 0.3736, 0.3824



50.7671, 0.2546, 0.3237



50.7671, 0.3106, 0.2808

Complementary

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



50.7671, 0.3736, 0.3824



38.8534, 0.2573, 0.2688

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.



50.7671, 0.2770, 0.2709



50.7671, 0.3736, 0.3824



50.7671, 0.2462, 0.2933

Square

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



50.7671, 0.3736, 0.3824



50.7671, 0.2781, 0.3582



50.7671, 0.2541, 0.2749



50.7671, 0.3466, 0.3017

Rectangle

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



50.7671, 0.3736, 0.3824



50.7671, 0.3236, 0.3897



50.7671, 0.2541, 0.2749



50.7671, 0.2987, 0.2761

Sweetspot

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



50.7694, 0.3736, 0.3824



92.2989, 0.3287, 0.3443



36.0987, 0.3598, 0.2938



19.5333, 0.3311, 0.3465



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.



50.7694, 0.3736, 0.3824



71.7377, 0.3900, 0.3946



62.6066, 0.3575, 0.4145



13.6711, 0.3276, 0.3432



18.6208, 0.5080, 0.4349



1.2818, 0.4887, 0.4502

Inverse Universe

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



38.8534, 0.2573, 0.2688



51.0601, 0.2440, 0.2524



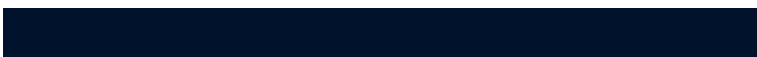
30.1779, 0.2580, 0.2304



12.7930, 0.2982, 0.3144



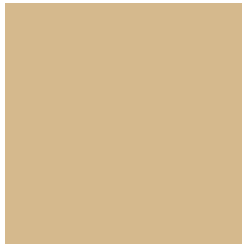
6.8847, 0.1678, 0.1241



0.5736, 0.1775, 0.1589

Previews

White Background



This preview shows how the Yxy color 50.7671, 0.3736, 0.3824 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 50.7671, 0.3736, 0.3824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

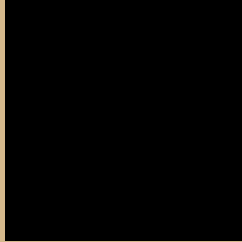
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7671, 0.3736, 0.3824

Background



This preview shows how black text looks on a background with the Yxy color 50.7671, 0.3736, 0.3824.



This preview shows how white text looks on a background with the Yxy color 50.7671, 0.3736, 0.3824.

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

50.7671, 0.3736, 0.3824

Protanopia

50.9349, 0.3606, 0.3866

Deuteranopia

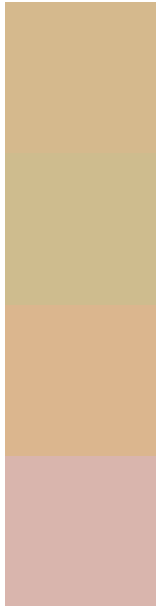
50.6887, 0.3835, 0.3750



Tritanopia

50.7066, 0.3371, 0.3128

Trichromacy



Original Color

50.7671, 0.3736, 0.3824

Protanomaly

51.0412, 0.3653, 0.3859

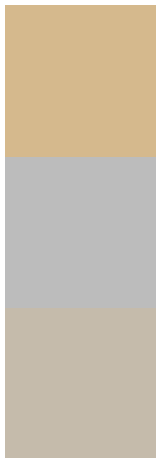
Deuteranomaly

50.4690, 0.3794, 0.3768

Tritanomaly

50.8166, 0.3511, 0.3386

Monochromacy



Original Color

50.7671, 0.3736, 0.3824

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.3512, 0.3339, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7671, 0.3736, 0.3824 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(213, 185, 141)` looks like.

```
.text, #text, p{  
    color:rgb(213, 185, 141)  
}
```

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(213, 185, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 185, 141) }
```

Border

The CSS property to change the border of an element to Yxy 50.7671, 0.3736, 0.3824 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(213, 185, 141) }
```

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

```
.border{ border-color:rgb(213, 185, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 185, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 185, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 185, 141);  
box-shadow:4px 4px 4px 4px rgb(213, 185,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7671, 0.3736, 0.3824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 185, 141) }
```

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

```
.background{ background-color: rgb(213,  
185, 141) }
```

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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