

Converting Colors

Yxy(50.2548, 0.3748, 0.4266)

Have a look what the booklet for
Yxy(50.2548, 0.3748, 0.4266)
contains.

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Color

Yxy(50.3835, 0.3745, 0.4276)

Conversions

Conversions Part 1

Format	Color
Hex	C2C072
RGB	194, 192, 114
RGB Percent	76%, 75%, 45%
CMY	0.2394, 0.2470, 0.5529
CMYK	0.00, 0.01, 0.41, 0.24
HSL	59°, 40%, 60%
HSV	59°, 41%, 76%
XYZ	44.1268, 50.3835, 23.3183
YIQ	183.7060, 26.2300, -23.8340

Conversions

Conversions Part 2

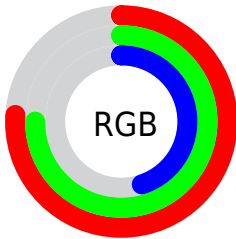
Format	Color
RYB	116, 194, 114
Decimal	12763250
CIELab	76.30, -10.70, 39.49
CIELCh	76, 40.911, 105.164
Yxy	50.3835, 0.3745, 0.4276
Android (android.graphics.Color)	4290953330 (0xFFC2C072)
YUV	183.7060, -34.3651, 9.0278
Hunter-Lab	70.9813, -13.2497, 30.2094

Details

The Yxy color **50.3835, 0.3745, 0.4276** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **19.9474, 0.2374, 0.2067**, and the grayscale version is **47.9424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6203, 0.3649, 0.4099**, and **24.3244, 0.3883, 0.4540** is the 20% darker color. If you saturate the color by 10%, you get **49.7837, 0.3881, 0.4489**, and if you desaturate by 10%, it is **51.0822, 0.3598, 0.4043**.

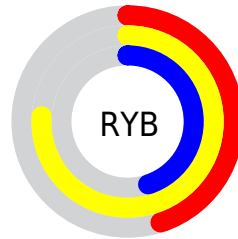
Distribution



Red (76%)

Green (75%)

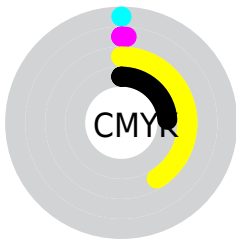
Blue (45%)



Red (45%)

Yellow (76%)

Blue (45%)

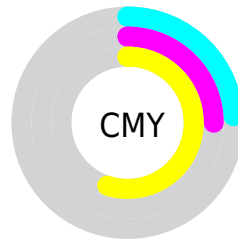


Cyan (0%)

Magenta (1%)

Yellow (41%)

Black (24%)



Cyan (24%)


Magenta (25%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3835, 0.3745, 0.4276 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 50.3835, 0.3745, 0.4276 by changing the saturation by 10% instead.


 50.3835, 0.3745,
0.4276

 50.3835, 0.3745,
0.4276

388.1638, 0.3455,
0.3788


 35.7182, 0.3809,
0.4393


 90.7428, 0.3646,
0.4102

 24.2166, 0.3885,
0.4539


 117.2057, 0.3606,
0.4035

 15.4944, 0.3975,
0.4724


 148.3698, 0.3572,
0.3978

 9.1671, 0.4077,
0.4963

184.6196, 0.3543,
0.3930

 4.8503, 0.4223,
0.5327

226.3395, 0.3517,
0.3887

 2.1597, 0.4278,
0.5722

273.9139, 0.3494,

 0.6979, 0.3655,

0.3850

0.6345

327.7272, 0.3473,
0.3817

0.0000, 0.0000,
0.0000

50.3835, 0.3745,
0.4276

50.3835, 0.3745,
0.4276

49.7837, 0.3881,
0.4489

51.0822, 0.3598,
0.4043

49.2699, 0.4000,
0.4674

51.8784, 0.3446,
0.3801

48.8378, 0.4096,
0.4822


52.7794, 0.3293,
0.3557


48.4797, 0.4168,
0.4928


53.7899, 0.3145,
0.3319


48.1867, 0.4213,
0.4991


54.9142, 0.3003,
0.3091

 47.9680, 0.4236,
0.5019

 56.1566, 0.2871,
0.2876

 57.5210, 0.2749,
0.2678

 58.0649, 0.2718,
0.2631

 58.2771, 0.2718,
0.2636

Harmonies

Analogous

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



50.3835, 0.4127, 0.4017



50.3835, 0.3745, 0.4276



50.3835, 0.3216, 0.4246

Triad

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



50.3835, 0.3745, 0.4276



50.3835, 0.2132, 0.2811



50.3835, 0.3527, 0.2792

Complementary

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



50.3835, 0.3745, 0.4276



19.9474, 0.2374, 0.2067

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.



50.3835, 0.2958, 0.2520



50.3835, 0.3745, 0.4276



50.3835, 0.2195, 0.2502

Square

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



50.3835, 0.3745, 0.4276



50.3835, 0.2301, 0.3313



50.3835, 0.2482, 0.2412



50.3835, 0.4013, 0.3179

Rectangle

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



50.3835, 0.3745, 0.4276



50.3835, 0.2855, 0.4030



50.3835, 0.2482, 0.2412



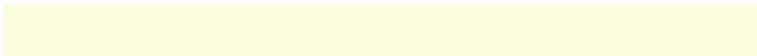
50.3835, 0.3336, 0.2686

Sweetspot

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



50.3858, 0.3745, 0.4276



95.5040, 0.3308, 0.3580



24.7749, 0.4134, 0.3257



20.8648, 0.3328, 0.3613



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.



50.3858, 0.3745, 0.4276



90.3878, 0.3862, 0.4460



46.9118, 0.3406, 0.4420



11.7151, 0.3265, 0.3512



31.5715, 0.4235, 0.5019



1.3776, 0.4225, 0.5027

Inverse Universe

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



19.9474, 0.2374, 0.2067



28.1390, 0.2192, 0.1769



22.5372, 0.2722, 0.2147



9.7862, 0.2983, 0.3058



2.6455, 0.1505, 0.0618



0.1281, 0.1523, 0.0684

Previews

White Background



This preview shows how the Yxy color 50.3835, 0.3745, 0.4276 looks on a white background.

Color Contrast Check

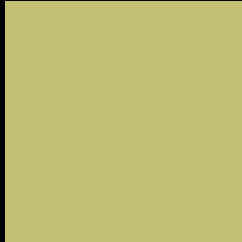
Large Text (above 18pt) WCAG AA × Fail

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 50.3835, 0.3745, 0.4276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

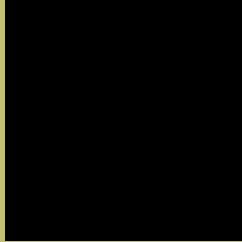
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

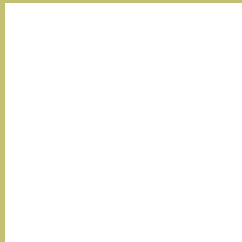
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3835, 0.3745, 0.4276

Background



This preview shows how black text looks on a background with the Yxy color 50.3835, 0.3745, 0.4276.



This preview shows how white text looks on a background with the Yxy color 50.3835, 0.3745, 0.4276.

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

50.3835, 0.3745, 0.4276

Protanopia

50.2805, 0.3882, 0.4205

Deuteranopia

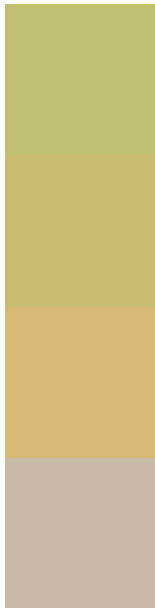
50.2578, 0.4087, 0.4011



Tritanopia

50.1836, 0.3186, 0.3109

Trichromacy



Original Color

50.3835, 0.3745, 0.4276

Protanomaly

50.1440, 0.3840, 0.4229

Deuteranomaly

49.9890, 0.3963, 0.4100

Tritanomaly

50.1872, 0.3399, 0.3528

Monochromacy



Original Color

50.3835, 0.3745, 0.4276

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.7352, 0.3357, 0.3655

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3835, 0.3745, 0.4276 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(194, 192, 114)` looks like.

```
.text, #text, p{  
    color:rgb(194, 192, 114)  
}
```

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(194, 192, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 192, 114) }
```

Border

The CSS property to change the border of an element to Yxy 50.3835, 0.3745, 0.4276 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(194, 192, 114) }
```

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

```
.border{ border-color:rgb(194, 192, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 192, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 192, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 192, 114);  
box-shadow:4px 4px 4px 4px rgb(194, 192,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3835, 0.3745, 0.4276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 192, 114) }
```

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

```
.background{ background-color: rgb(194,  
192, 114) }
```

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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