

Converting Colors

$Y_{xy}(49.9365, 0.3720, 0.4215)$

Have a look what the booklet for
Yxy(49.9365, 0.3720, 0.4215)
contains.

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Color

Yxy(50.0389, 0.3721, 0.4217)

Conversions

Conversions Part 1

Format	Color
Hex	C2BF76
RGB	194, 191, 118
RGB Percent	76%, 75%, 46%
CMY	0.2391, 0.2510, 0.5373
CMYK	0.00, 0.02, 0.39, 0.24
HSL	58°, 38%, 61%
HSV	58°, 39%, 76%
XYZ	44.1534, 50.0389, 24.4677
YIQ	183.5750, 25.2210, -22.0670

Conversions

Conversions Part 2

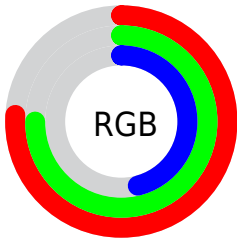
Format	Color
RYB	121, 194, 118
Decimal	12762998
CIELab	76.09, -9.71, 37.19
CIELCh	76, 38.436, 104.640
Yxy	50.0389, 0.3721, 0.4217
Android (android.graphics.Color)	4290953078 (0xFFC2BF76)
YUV	183.5750, -32.3285, 9.1427
Hunter-Lab	70.7382, -12.3757, 29.0089

Details

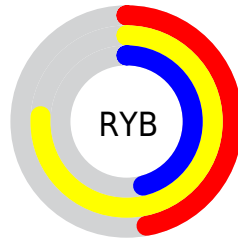
The Yxy color **50.0389, 0.3721, 0.4217** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **21.4268, 0.2420, 0.2156**, and the grayscale version is **47.8597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1572, 0.3628, 0.4050**, and **24.0833, 0.3856, 0.4469** is the 20% darker color. If you saturate the color by 10%, you get **49.2902, 0.3863, 0.4433**, and if you desaturate by 10%, it is **50.8888, 0.3570, 0.3984**.

Distribution



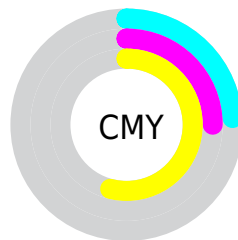
- Red (76%)
- Green (75%)
- Blue (46%)



- Red (47%)
- Yellow (76%)
- Blue (46%)



- Cyan (0%)
- Magenta (2%)
- Yellow (39%)
- Black (24%)




- Cyan (24%)
- Magenta (25%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.0389, 0.3721, 0.4217 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 50.0389, 0.3721, 0.4217 by changing the saturation by 10% instead.


 50.0389, 0.3721,
0.4217

 50.0389, 0.3721,
0.4217


386.8180, 0.3440,
0.3757


 35.4443, 0.3784,
0.4328


 90.2325, 0.3624,
0.4052

 24.0053, 0.3859,
0.4467


 116.6003, 0.3586,
0.3990

 15.3376, 0.3951,
0.4644


 147.6613, 0.3553,
0.3936

 9.0566, 0.4058,
0.4875

183.7999, 0.3525,
0.3890

 4.7781, 0.4197,
0.5208

225.4005, 0.3500,
0.3851

 2.1177, 0.4331,
0.5669

272.8474, 0.3477,

 0.6745, 0.3746,

0.3816

0.6254

326.5252, 0.3458,
0.3785

0.0000, 0.0000,
0.0000

50.0389, 0.3721,
0.4217

50.0389, 0.3721,
0.4217

49.2902, 0.3863,
0.4433

50.8888, 0.3570,
0.3984

48.6301, 0.3989,
0.4622

51.8384, 0.3416,
0.3744

48.0542, 0.4095,
0.4777

52.8950, 0.3263,
0.3504


47.5552, 0.4176,
0.4890


54.0632, 0.3115,
0.3271

47.1244, 0.4230,
0.4960

55.3474, 0.2976,
0.3050


 46.7465, 0.4262,
0.4994

 56.7517, 0.2846,
0.2842

 46.7165, 0.4264,
0.4996

 58.2799, 0.2726,
0.2650

 58.7068, 0.2719,
0.2647

 59.0590, 0.2720,
0.2656

Harmonies

Analogous

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



50.0389, 0.4076, 0.3975



50.0389, 0.3721, 0.4217



50.0389, 0.3223, 0.4190

Triad

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



50.0389, 0.3721, 0.4217



50.0389, 0.2185, 0.2848



50.0389, 0.3495, 0.2813

Complementary

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



50.0389, 0.3721, 0.4217



21.4268, 0.2420, 0.2156

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.



50.0389, 0.2960, 0.2556



50.0389, 0.3721, 0.4217



50.0389, 0.2242, 0.2549

Square

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



50.0389, 0.3721, 0.4217



50.0389, 0.2352, 0.3324



50.0389, 0.2512, 0.2458



50.0389, 0.3954, 0.3180

Rectangle

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



50.0389, 0.3721, 0.4217



50.0389, 0.2882, 0.3990



50.0389, 0.2512, 0.2458



50.0389, 0.3316, 0.2713

Sweetspot

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



50.0412, 0.3721, 0.4217



95.2085, 0.3308, 0.3576



25.8277, 0.4045, 0.3241



20.7930, 0.3329, 0.3608



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.



50.0412, 0.3721, 0.4217



89.4608, 0.3843, 0.4403



47.3569, 0.3406, 0.4356



11.6873, 0.3266, 0.3509



30.7353, 0.4263, 0.4997



1.3497, 0.4246, 0.5010

Inverse Universe

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



21.4268, 0.2420, 0.2156



30.4363, 0.2239, 0.1862



23.5466, 0.2734, 0.2204



9.8108, 0.2983, 0.3062



2.6998, 0.1508, 0.0629



0.1393, 0.1538, 0.0736

Previews

White Background



This preview shows how the Yxy color 50.0389, 0.3721, 0.4217 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 50.0389, 0.3721, 0.4217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

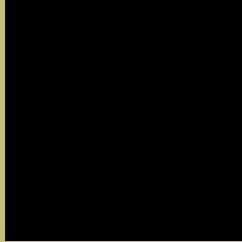
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.0389, 0.3721, 0.4217

Background



This preview shows how black text looks on a background with the Yxy color 50.0389, 0.3721, 0.4217.



This preview shows how white text looks on a background with the Yxy color 50.0389, 0.3721, 0.4217.

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

50.0389, 0.3721, 0.4217

Protanopia

50.2299, 0.3842, 0.4162

Deuteranopia

49.7894, 0.4051, 0.3960



Tritanopia

50.1379, 0.3194, 0.3121

Trichromacy



Original Color

50.0389, 0.3721, 0.4217

Protanomaly

50.0971, 0.3801, 0.4185

Deuteranomaly

49.5192, 0.3927, 0.4047

Tritanomaly

49.8044, 0.3393, 0.3503

Monochromacy



Original Color

50.0389, 0.3721, 0.4217

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.7701, 0.3349, 0.3641

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0389, 0.3721, 0.4217 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, 191, 118)` looks like.

```
.text, #text, p{  
    color:rgb(194, 191, 118)  
}
```

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, 191, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 191, 118) }
```

Border

The CSS property to change the border of an element to Yxy 50.0389, 0.3721, 0.4217 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, 191, 118) }
```

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

```
.border{ border-color:rgb(194, 191, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 191, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 191, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 191, 118);  
box-shadow:4px 4px 4px 4px rgb(194, 191,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0389, 0.3721, 0.4217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 191, 118) }
```

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

```
.background{ background-color: rgb(194,  
191, 118) }
```

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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