

Converting Colors

Yxy(50.4336, 0.3739, 0.4222)

Have a look what the booklet for
Yxy(50.4336, 0.3739, 0.4222)
contains.

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Color

Yxy(50.2817, 0.3746, 0.4223)

Conversions

Conversions Part 1

Format	Color
Hex	C4BF75
RGB	196, 191, 117
RGB Percent	77%, 75%, 46%
CMY	0.2315, 0.2509, 0.5412
CMYK	0.00, 0.03, 0.40, 0.23
HSL	56°, 40%, 61%
HSV	56°, 40%, 77%
XYZ	44.6022, 50.2817, 24.1824
YIQ	184.0590, 26.7340, -21.9540

Conversions

Conversions Part 2

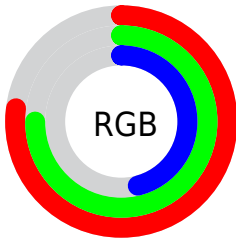
Format	Color
RYB	122, 196, 117
Decimal	12894069
CIELab	76.24, -9.05, 37.92
CIELCh	76, 38.984, 103.420
Yxy	50.2817, 0.3746, 0.4223
Android (android.graphics.Color)	4291084149 (0xFFC4BF75)
YUV	184.0590, -33.0601, 10.4723
Hunter-Lab	70.9096, -11.8150, 29.4170

Details

The Yxy color **50.2817, 0.3746, 0.4223** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **21.6762, 0.2400, 0.2145**, and the grayscale version is **48.1416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4946, 0.3648, 0.4056**, and **24.2449, 0.3890, 0.4472** is the 20% darker color. If you saturate the color by 10%, you get **49.3349, 0.3891, 0.4433**, and if you desaturate by 10%, it is **51.3341, 0.3592, 0.3996**.

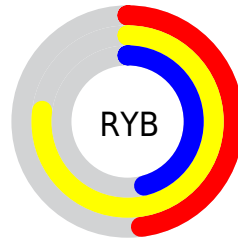
Distribution



Red (77%)

Green (75%)

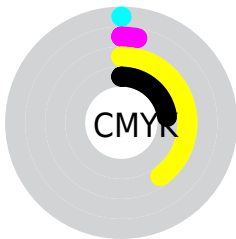
Blue (46%)



Red (48%)

Yellow (77%)

Blue (46%)

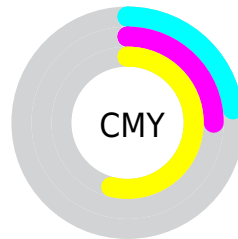


Cyan (0%)

Magenta (3%)

Yellow (40%)

Black (23%)



Cyan (23%)


Magenta (25%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2817, 0.3746, 0.4223 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 50.2817, 0.3746, 0.4223 by changing the saturation by 10% instead.


 50.2817, 0.3746,
0.4223


 50.2817, 0.3746,
0.4223


387.7665, 0.3453,
0.3762


 35.6373, 0.3811,
0.4333


 90.5921, 0.3645,
0.4058

 24.1542, 0.3890,
0.4471


 117.0269, 0.3605,
0.3995

 15.4480, 0.3985,
0.4647


 148.1606, 0.3571,
0.3942

 9.1344, 0.4096,
0.4874

184.3776, 0.3541,
0.3896

 4.8290, 0.4245,
0.5204

226.0623, 0.3515,
0.3856

 2.1473, 0.4371,
0.5629

273.5991, 0.3492,

 0.6910, 0.3868,

0.3821

0.6132

327.3724, 0.3472,
0.3790

0.0000, 0.0000,
0.0000

50.2817, 0.3746,
0.4223

50.2817, 0.3746,
0.4223

49.3349, 0.3891,
0.4433

51.3341, 0.3592,
0.3996

48.4808, 0.4021,
0.4617

52.4908, 0.3435,
0.3760

47.7149, 0.4131,
0.4765


53.7591, 0.3281,
0.3525


47.0294, 0.4215,
0.4871

55.1440, 0.3132,
0.3297

46.4152, 0.4273,
0.4934


56.6499, 0.2991,
0.3079

 45.8707, 0.4308,
0.4961

 58.2811, 0.2860,
0.2875

 60.0416, 0.2740,
0.2686

 60.6660, 0.2736,
0.2691

 61.2424, 0.2737,
0.2706

Harmonies

Analogous

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



50.2817, 0.4097, 0.3968



50.2817, 0.3746, 0.4223



50.2817, 0.3245, 0.4209

Triad

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



50.2817, 0.3746, 0.4223



50.2817, 0.2177, 0.2858



50.2817, 0.3478, 0.2795

Complementary

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



50.2817, 0.3746, 0.4223



21.6762, 0.2400, 0.2145

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.



50.2817, 0.2937, 0.2541



50.2817, 0.3746, 0.4223



50.2817, 0.2225, 0.2549

Square

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



50.2817, 0.3746, 0.4223



50.2817, 0.2354, 0.3346



50.2817, 0.2489, 0.2448



50.2817, 0.3950, 0.3162

Rectangle

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



50.2817, 0.3746, 0.4223



50.2817, 0.2898, 0.4016



50.2817, 0.2489, 0.2448



50.2817, 0.3296, 0.2695

Sweetspot

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



50.2840, 0.3746, 0.4223



96.9620, 0.3309, 0.3569



25.8663, 0.4067, 0.3222



20.6871, 0.3330, 0.3601



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.



50.2840, 0.3746, 0.4223



89.6495, 0.3869, 0.4402



48.4100, 0.3424, 0.4386



11.6463, 0.3266, 0.3504



29.5287, 0.4306, 0.4963



1.3092, 0.4279, 0.4985

Inverse Universe

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



21.6762, 0.2400, 0.2145



31.0171, 0.2224, 0.1860



23.3068, 0.2707, 0.2166



9.8474, 0.2983, 0.3067



2.7802, 0.1513, 0.0646



0.1559, 0.1559, 0.0812

Previews

White Background



This preview shows how the Yxy color 50.2817, 0.3746, 0.4223 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 50.2817, 0.3746, 0.4223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

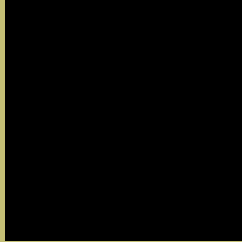
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2817, 0.3746, 0.4223

Background



This preview shows how black text looks on a background with the Yxy color 50.2817, 0.3746, 0.4223.



This preview shows how white text looks on a background with the Yxy color 50.2817, 0.3746, 0.4223.

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

50.2817, 0.3746, 0.4223

Protanopia

50.2065, 0.3850, 0.4174

Deuteranopia

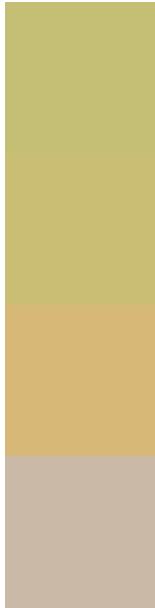
50.3295, 0.4063, 0.3979



Tritanopia

50.4206, 0.3211, 0.3122

Trichromacy



Original Color

50.2817, 0.3746, 0.4223

Protanomaly

50.2127, 0.3818, 0.4194

Deuteranomaly

50.2118, 0.3948, 0.4063

Tritanomaly

50.0445, 0.3419, 0.3515

Monochromacy



Original Color

50.2817, 0.3746, 0.4223

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 50.2817, 0.3746, 0.4223 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(196, 191, 117)` looks like.

```
.text, #text, p{  
    color:rgb(196, 191, 117)  
}
```

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(196, 191, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 191, 117) }
```

Border

The CSS property to change the border of an element to Yxy 50.2817, 0.3746, 0.4223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

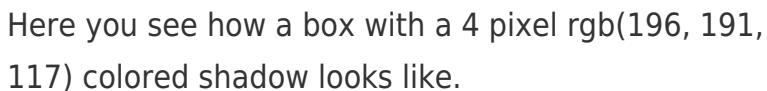
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 191, 117) }
```

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

```
.border{ border-color:rgb(196, 191, 117) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 191, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 191, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 191, 117); box-shadow:4px 4px 4px 4px rgb(196, 191, 117) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2817, 0.3746, 0.4223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 191, 117) }
```

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

```
.background{ background-color: rgb(196,  
191, 117) }
```

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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