

Converting Colors

$Y_{xy}(49.8872, 0.3574, 0.4191)$

Have a look what the booklet for
Yxy(49.8872, 0.3574, 0.4191)
contains.

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Color

Yxy(49.7855, 0.3578, 0.4194)

Conversions

Conversions Part 1

Format	Color
Hex	B8C17C
RGB	184, 193, 124
RGB Percent	72%, 76%, 49%
CMY	0.2785, 0.2431, 0.5136
CMYK	0.05, 0.00, 0.36, 0.24
HSL	68°, 36%, 62%
HSV	68°, 36%, 76%
XYZ	42.4732, 49.7855, 26.4478
YIQ	182.4430, 16.7850, -23.3670

Conversions

Conversions Part 2

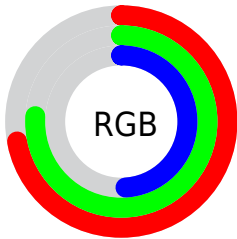
Format	Color
RYB	124, 193, 133
Decimal	12108156
CIELab	75.94, -14.02, 33.72
CIElCh	76, 36.522, 112.572
Yxy	49.7855, 0.3578, 0.4194
Android (android.graphics.Color)	4290298236 (0xFFB8C17C)
YUV	182.4430, -28.8124, 1.3655
Hunter-Lab	70.5588, -16.0292, 27.1673

Details

The Yxy color **49.7855, 0.3578, 0.4194** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **23.2634, 0.2566, 0.2251**, and the grayscale version is **47.1875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6265, 0.3510, 0.4028**, and **23.9964, 0.3678, 0.4453** is the 20% darker color. If you saturate the color by 10%, you get **49.0370, 0.3693, 0.4441**, and if you desaturate by 10%, it is **50.6396, 0.3454, 0.3937**.

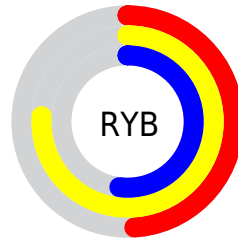
Distribution



Red (72%)

Green (76%)

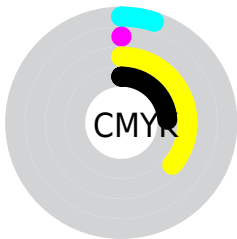
Blue (49%)



Red (49%)

Yellow (76%)

Blue (52%)

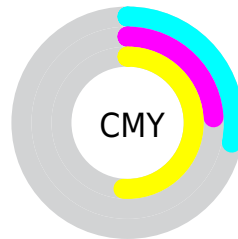


Cyan (5%)

Magenta (0%)

Yellow (36%)

Black (24%)



Cyan (28%)


Magenta (24%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.7855, 0.3578, 0.4194 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 49.7855, 0.3578, 0.4194 by changing the saturation by 10% instead.


 49.7855, 0.3578,
0.4194

 49.7855, 0.3578,
0.4194


385.8265, 0.3367,
0.3739


 35.2430, 0.3625,
0.4306

 89.8570, 0.3505,
0.4029

 23.8501, 0.3681,
0.4449


 116.1547, 0.3477,
0.3967

 15.2225, 0.3748,
0.4636


 147.1397, 0.3452,
0.3914

 8.9757, 0.3825,
0.4886

183.1963, 0.3431,
0.3869

 4.7253, 0.3909,
0.5239

224.7089, 0.3412,
0.3830

 2.0870, 0.4078,
0.5922

272.0618, 0.3395,

 0.6573, 0.3006,

0.3796

0.6994

325.6396, 0.3380,
0.3766

0.0000, 0.0000,
0.0000

49.7855, 0.3578,
0.4194

49.7855, 0.3578,
0.4194

49.0370, 0.3693,
0.4441

50.6396, 0.3454,
0.3937

48.3818, 0.3792,
0.4668

51.5978, 0.3327,
0.3680

47.8159, 0.3873,
0.4866


52.6671, 0.3199,
0.3429

47.3323, 0.3929,
0.5025

53.8521, 0.3075,
0.3190


46.9230, 0.3960,
0.5140


55.1569, 0.2957,
0.2966

 46.5777, 0.3965,
0.5211

 56.5857, 0.2846,
0.2759

 46.4414, 0.3964,
0.5235

 57.8731, 0.2768,
0.2609

 58.2275, 0.2785,
0.2613

 58.5878, 0.2803,
0.2616

Harmonies

Analogous

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



49.7855, 0.3963, 0.4024



49.7855, 0.3578, 0.4194



49.7855, 0.3090, 0.4083

Triad

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



49.7855, 0.3578, 0.4194



49.7855, 0.2220, 0.2776



49.7855, 0.3608, 0.2920

Complementary

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



49.7855, 0.3578, 0.4194



23.2634, 0.2566, 0.2251

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.



49.7855, 0.3101, 0.2640



49.7855, 0.3578, 0.4194



49.7855, 0.2330, 0.2541

Square

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



49.7855, 0.3578, 0.4194



49.7855, 0.2324, 0.3193



49.7855, 0.2639, 0.2502



49.7855, 0.3996, 0.3290

Rectangle

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



49.7855, 0.3578, 0.4194



49.7855, 0.2774, 0.3847



49.7855, 0.2639, 0.2502



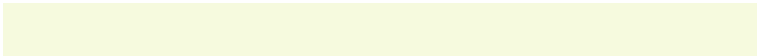
49.7855, 0.3444, 0.2814

Sweetspot

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



49.7877, 0.3578, 0.4194



93.2527, 0.3268, 0.3564



29.3172, 0.3934, 0.3403



19.9504, 0.3285, 0.3598



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.7877, 0.3578, 0.4194



88.0806, 0.3670, 0.4391



46.1283, 0.3287, 0.4286



11.6894, 0.3245, 0.3519



30.9107, 0.3967, 0.5232



1.3545, 0.4021, 0.5190

Inverse Universe

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



23.2634, 0.2566, 0.2251



33.4923, 0.2414, 0.1982



26.4408, 0.2893, 0.2341



9.8098, 0.3003, 0.3053



2.7205, 0.1555, 0.0630



0.1386, 0.1716, 0.0719

Previews

White Background



This preview shows how the Yxy color 49.7855, 0.3578, 0.4194 looks on a white background.

Color Contrast Check

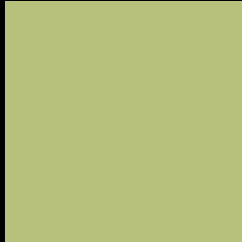
Large Text (above 18pt) WCAG AA × Fail

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 49.7855, 0.3578, 0.4194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

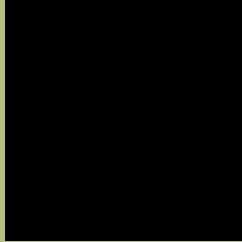
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.7855, 0.3578, 0.4194

Background



This preview shows how black text looks on a background with the Yxy color 49.7855, 0.3578, 0.4194.



This preview shows how white text looks on a background with the Yxy color 49.7855, 0.3578, 0.4194.

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

49.7855, 0.3578, 0.4194

Protanopia

49.6423, 0.3790, 0.4098

Deuteranopia

49.6198, 0.3982, 0.3898



Tritanopia

49.6957, 0.3094, 0.3117

Trichromacy



Original Color

49.7855, 0.3578, 0.4194

Protanomaly

49.5610, 0.3710, 0.4128

Deuteranomaly

49.3426, 0.3828, 0.4001

Tritanomaly

49.4281, 0.3278, 0.3495

Monochromacy



Original Color

49.7855, 0.3578, 0.4194

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.7583, 0.3299, 0.3620

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.7855, 0.3578, 0.4194 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(184, 193, 124)` looks like.

```
.text, #text, p{  
    color:rgb(184, 193, 124)  
}
```

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(184, 193, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 193, 124) }
```

Border

The CSS property to change the border of an element to Yxy 49.7855, 0.3578, 0.4194 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(184, 193, 124) }
```

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

```
.border{ border-color:rgb(184, 193, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 193, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 193, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 193, 124);  
box-shadow:4px 4px 4px 4px rgb(184, 193,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 49.7855, 0.3578, 0.4194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 193, 124) }
```

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

```
.background{ background-color: rgb(184,  
193, 124) }
```

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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