

Converting Colors

$Yxy(47.0969, 0.3789, 0.4030)$

Have a look what the booklet for
Yxy(47.0969, 0.3789, 0.4030)
contains.

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Color

Yxy(47.3035, 0.3787, 0.4035)

Conversions

Conversions Part 1

Format	Color
Hex	C9B67B
RGB	201, 182, 123
RGB Percent	79%, 71%, 48%
CMY	0.2117, 0.2863, 0.5176
CMYK	0.00, 0.09, 0.39, 0.21
HSL	45°, 42%, 64%
HSV	45°, 39%, 79%
XYZ	44.3961, 47.3035, 25.5333
YIQ	180.9550, 30.2630, -14.3210

Conversions

Conversions Part 2

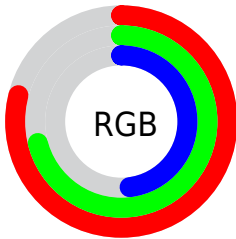
Format	Color
RYB	148, 201, 123
Decimal	13219451
CIELab	74.38, -1.64, 32.50
CIElCh	74, 32.542, 92.884
Yxy	47.3035, 0.3787, 0.4035
Android (android.graphics.Color)	4291409531 (0xFFC9B67B)
YUV	180.9550, -28.5718, 17.5795
Hunter-Lab	68.7775, -5.1384, 26.1331

Details

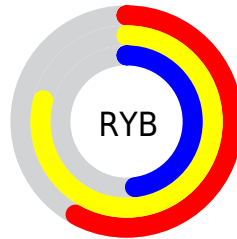
The Yxy color $47.3035, 0.3787, 0.4035$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $27.7889, 0.2462, 0.2410$, and the grayscale version is $46.3310, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.5437, 0.3644, 0.3914$, and $22.2925, 0.3967, 0.4230$ is the 20% darker color. If you saturate the color by 10%, you get $44.8793, 0.3974, 0.4218$, and if you desaturate by 10%, it is $49.9057, 0.3603, 0.3841$.

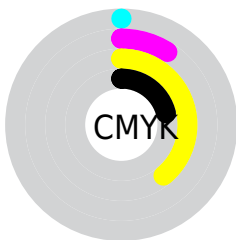
Distribution



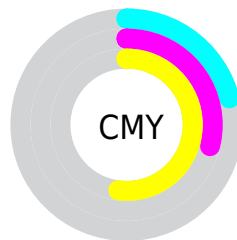
- Red (79%)
- Green (71%)
- Blue (48%)



- Red (58%)
- Yellow (79%)
- Blue (48%)



- Cyan (0%)
- Magenta (9%)
- Yellow (39%)
- Black (21%)





- Cyan (21%)
- Magenta (29%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3035, 0.3787, 0.4035 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 47.3035, 0.3787, 0.4035 by changing the saturation by 10% instead.

 47.3035, 0.3787,
0.4035

 47.3035, 0.3787,
0.4035


376.0247, 0.3464,
0.3668


 33.2756, 0.3863,
0.4123


 86.1665, 0.3672,
0.3904

 22.3377, 0.3958,
0.4233


 111.7704, 0.3628,
0.3854

 14.1052, 0.4078,
0.4373


 142.0018, 0.3591,
0.3811

 8.1939, 0.4231,
0.4554

177.2450, 0.3559,
0.3775

 4.2193, 0.4438,
0.4803

217.8846, 0.3530,
0.3743

 1.7970, 0.4779,
0.5221

264.3047, 0.3506,

 0.4853, 0.4647,

0.3715

0.5353

316.8900, 0.3484,
0.3690

0.0000, 0.0000,
0.0000

47.3035, 0.3787,
0.4035

47.3035, 0.3787,
0.4035

44.8793, 0.3974,
0.4218

49.9057, 0.3603,
0.3841

42.6196, 0.4156,
0.4380

52.6861, 0.3427,
0.3645

40.5187, 0.4326,
0.4512

55.6527, 0.3262,
0.3453

38.5679, 0.4477,
0.4603

58.8114, 0.3110,
0.3269

36.7570, 0.4599,
0.4647

62.1675, 0.2971,
0.3095

■ 35.0698, 0.4694,
0.4647

■ 65.7262, 0.2845,
0.2933

■ 34.8742, 0.4705,
0.4646

■ 68.9173, 0.2782,
0.2870

■ 71.4724, 0.2785,
0.2925

■ 74.1033, 0.2789,
0.2979

Harmonies

Analogous

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



47.3035, 0.4011, 0.3773



47.3035, 0.3787, 0.4035



47.3035, 0.3393, 0.4103

Triad

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



47.3035, 0.3787, 0.4035



47.3035, 0.2339, 0.3061



47.3035, 0.3266, 0.2771

Complementary

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



47.3035, 0.3787, 0.4035



27.7889, 0.2462, 0.2410

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.



47.3035, 0.2817, 0.2595



47.3035, 0.3787, 0.4035



47.3035, 0.2310, 0.2731

Square

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



47.3035, 0.3787, 0.4035



47.3035, 0.2563, 0.3502



47.3035, 0.2478, 0.2574



47.3035, 0.3704, 0.3064

Rectangle

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



47.3035, 0.3787, 0.4035



47.3035, 0.3092, 0.4000



47.3035, 0.2478, 0.2574



47.3035, 0.3111, 0.2697

Sweetspot

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



47.3057, 0.3787, 0.4035



93.5133, 0.3316, 0.3517



28.5589, 0.3838, 0.3036



19.8708, 0.3338, 0.3542



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.



47.3057, 0.3787, 0.4035



77.2787, 0.3952, 0.4198



53.1024, 0.3536, 0.4302



11.9617, 0.3271, 0.3464



22.0708, 0.4696, 0.4653



1.1532, 0.4570, 0.4753

Inverse Universe

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



27.7889, 0.2462, 0.2410



39.0721, 0.2295, 0.2165



24.1841, 0.2590, 0.2169



10.7007, 0.2983, 0.3110



4.1562, 0.1581, 0.0890



0.3146, 0.1696, 0.1307

Previews

White Background



This preview shows how the Yxy color 47.3035, 0.3787, 0.4035 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 47.3035, 0.3787, 0.4035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

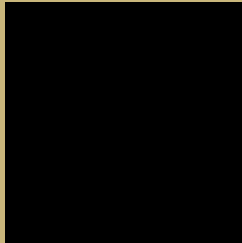
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.3035, 0.3787, 0.4035

Background



This preview shows how black text looks on a background with the Yxy color 47.3035, 0.3787, 0.4035.



This preview shows how white text looks on a background with the Yxy color 47.3035, 0.3787, 0.4035.

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

47.3035, 0.3787, 0.4035

Protanopia

47.3028, 0.3754, 0.4055

Deuteranopia

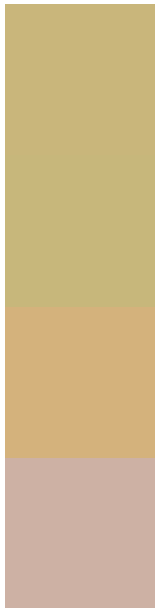
47.1752, 0.3982, 0.3899



Tritanopia

47.2699, 0.3322, 0.3133

Trichromacy



Original Color

47.3035, 0.3787, 0.4035

Protanomaly

47.4391, 0.3764, 0.4052

Deuteranomaly

47.2931, 0.3901, 0.3950

Tritanomaly

47.1038, 0.3490, 0.3453

Monochromacy



Original Color

47.3035, 0.3787, 0.4035

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.2772, 0.3360, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3035, 0.3787, 0.4035 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(201, 182, 123)` looks like.

```
.text, #text, p{  
    color:rgb(201, 182, 123)  
}
```

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(201, 182, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 182, 123) }
```

Border

The CSS property to change the border of an element to Yxy 47.3035, 0.3787, 0.4035 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(201, 182, 123) }
```

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

```
.border{ border-color:rgb(201, 182, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 182, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 182, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 182, 123);  
box-shadow:4px 4px 4px 4px rgb(201, 182,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3035, 0.3787, 0.4035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 182, 123) }
```

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

```
.background{ background-color: rgb(201,  
182, 123) }
```

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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