

Converting Colors

$Yxy(47.8949, 0.3756, 0.3993)$

Have a look what the booklet for
Yxy(47.8949, 0.3756, 0.3993)
contains.

Yxy(47.9558, 0.3759, 0.3995)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.9558, 0.3759, 0.3995)

Conversions

Conversions Part 1

Format	Color
Hex	CAB77F
RGB	202, 183, 127
RGB Percent	79%, 72%, 50%
CMY	0.2078, 0.2823, 0.5019
CMYK	0.00, 0.09, 0.37, 0.21
HSL	45°, 41%, 65%
HSV	45°, 37%, 79%
XYZ	45.1229, 47.9558, 26.9609
YIQ	182.2970, 29.3000, -13.3880

Conversions

Conversions Part 2

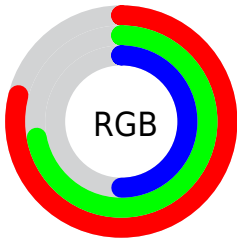
Format	Color
RYB	152, 202, 127
Decimal	13285247
CIELab	74.80, -1.31, 30.96
CIElCh	75, 30.985, 92.431
Yxy	47.9558, 0.3759, 0.3995
Android (android.graphics.Color)	4291475327 (0xFFCAB77F)
YUV	182.2970, -27.2614, 17.2795
Hunter-Lab	69.2501, -4.8785, 25.3919

Details

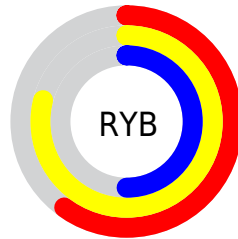
The Yxy color **47.9558, 0.3759, 0.3995** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.3400, 0.2495, 0.2465**, and the grayscale version is **47.0909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2883, 0.3615, 0.3883**, and **22.7041, 0.3930, 0.4178** is the 20% darker color. If you saturate the color by 10%, you get **45.4096, 0.3948, 0.4179**, and if you desaturate by 10%, it is **50.6888, 0.3575, 0.3802**.

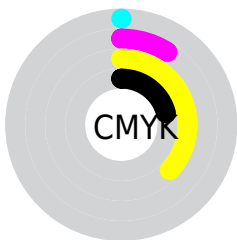
Distribution



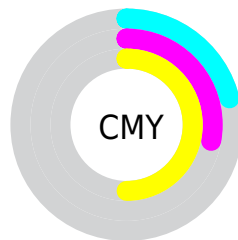
- Red (79%)
- Green (72%)
- Blue (50%)



- Red (60%)
- Yellow (79%)
- Blue (50%)



- Cyan (0%)
- Magenta (9%)
- Yellow (37%)
- Black (21%)




- Cyan (21%)
- Magenta (28%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9558, 0.3759, 0.3995 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 47.9558, 0.3759, 0.3995 by changing the saturation by 10% instead.

 47.9558, 0.3759,
0.3995

 47.9558, 0.3759,
0.3995


378.6169, 0.3450,
0.3648

 33.7919, 0.3833,
0.4078


 87.1386, 0.3649,
0.3871

 22.7338, 0.3924,
0.4182


 112.9263, 0.3607,
0.3824

 14.3970, 0.4040,
0.4315


 143.3573, 0.3571,
0.3784

 8.3973, 0.4190,
0.4489

178.8161, 0.3540,
0.3749

 4.3502, 0.4386,
0.4719

219.6871, 0.3513,
0.3719

 1.8713, 0.4798,
0.5202

266.3546, 0.3489,

 0.5311, 0.4709,

0.3692

0.5291

319.2031, 0.3468,
0.3669

0.0000, 0.0000,
0.0000

47.9558, 0.3759,
0.3995

47.9558, 0.3759,
0.3995

45.4096, 0.3948,
0.4179

50.6888, 0.3575,
0.3802

43.0364, 0.4134,
0.4344

53.6086, 0.3399,
0.3609

40.8307, 0.4311,
0.4479

56.7236, 0.3236,
0.3420

38.7835, 0.4468,
0.4576

60.0396, 0.3085,
0.3239

36.8849, 0.4600,
0.4627

63.5621, 0.2949,
0.3069

■ 35.1213, 0.4702,
0.4630

■ 67.2964, 0.2826,
0.2912

■ 34.6323, 0.4729,
0.4627

■ 70.3528, 0.2790,
0.2899

■ 73.0621, 0.2794,
0.2956

■ 75.8542, 0.2797,
0.3012

Harmonies

Analogous

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



47.9558, 0.3967, 0.3746



47.9558, 0.3759, 0.3995



47.9558, 0.3387, 0.4059

Triad

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



47.9558, 0.3759, 0.3995



47.9558, 0.2379, 0.3081



47.9558, 0.3253, 0.2792

Complementary

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



47.9558, 0.3759, 0.3995



29.3400, 0.2495, 0.2465

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.



47.9558, 0.2828, 0.2626



47.9558, 0.3759, 0.3995



47.9558, 0.2349, 0.2764

Square

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



47.9558, 0.3759, 0.3995



47.9558, 0.2597, 0.3498



47.9558, 0.2506, 0.2610



47.9558, 0.3668, 0.3071

Rectangle

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



47.9558, 0.3759, 0.3995



47.9558, 0.3102, 0.3964



47.9558, 0.2506, 0.2610



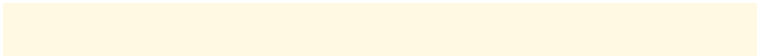
47.9558, 0.3106, 0.2722

Sweetspot

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



47.9580, 0.3759, 0.3995



93.8720, 0.3300, 0.3495



29.8464, 0.3779, 0.3031



19.9371, 0.3322, 0.3521



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.



47.9580, 0.3759, 0.3995



77.5122, 0.3919, 0.4152



54.0288, 0.3530, 0.4254



12.5966, 0.3272, 0.3462



22.4331, 0.4720, 0.4634



1.2741, 0.4596, 0.4733

Inverse Universe

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



29.3400, 0.2495, 0.2465



41.3146, 0.2336, 0.2236



25.4222, 0.2607, 0.2221



11.2983, 0.2983, 0.3112



4.3998, 0.1586, 0.0907



0.3520, 0.1694, 0.1299

Previews

White Background



This preview shows how the Yxy color 47.9558, 0.3759, 0.3995 looks on a white background.

Color Contrast Check

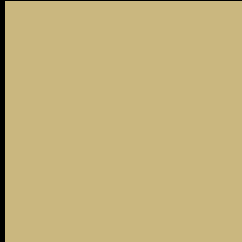
Large Text (above 18pt) WCAG AA × Fail

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 47.9558, 0.3759, 0.3995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

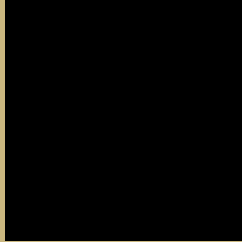
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.9558, 0.3759, 0.3995

Background



This preview shows how black text looks on a background with the Yxy color 47.9558, 0.3759, 0.3995.



This preview shows how white text looks on a background with the Yxy color 47.9558, 0.3759, 0.3995.

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

47.9558, 0.3759, 0.3995

Protanopia

47.9554, 0.3727, 0.4014

Deuteranopia

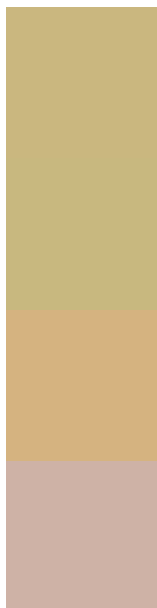
47.6692, 0.3942, 0.3864



Tritanopia

47.8894, 0.3312, 0.3122

Trichromacy



Original Color

47.9558, 0.3759, 0.3995

Protanomaly

48.0926, 0.3736, 0.4012

Deuteranomaly

47.9448, 0.3872, 0.3911

Tritanomaly

47.7158, 0.3479, 0.3440

Monochromacy



Original Color

47.9558, 0.3759, 0.3995

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.8833, 0.3351, 0.3551

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9558, 0.3759, 0.3995 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(202, 183, 127)` looks like.

```
.text, #text, p{  
    color:rgb(202, 183, 127)  
}
```

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(202, 183, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 183, 127) }
```

Border

The CSS property to change the border of an element to Yxy 47.9558, 0.3759, 0.3995 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(202, 183, 127) }
```

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

```
.border{ border-color:rgb(202, 183, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 183, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 183, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 183, 127);  
box-shadow:4px 4px 4px 4px rgb(202, 183,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9558, 0.3759, 0.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 183, 127) }
```

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

```
.background{ background-color: rgb(202,  
183, 127) }
```

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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