

Converting Colors

Yxy(51.3328, 0.3703, 0.4047)

Have a look what the booklet for
Yxy(51.3328, 0.3703, 0.4047)
contains.

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Color

Yxy(51.4299, 0.3702, 0.4049)

Conversions

Conversions Part 1

Format	Color
Hex	CABF82
RGB	202, 191, 130
RGB Percent	79%, 75%, 51%
CMY	0.2077, 0.2510, 0.4902
CMYK	0.00, 0.05, 0.36, 0.21
HSL	51°, 40%, 65%
HSV	51°, 36%, 79%
XYZ	47.0223, 51.4299, 28.5665
YIQ	187.3350, 26.1370, -16.6390

Conversions

Conversions Part 2

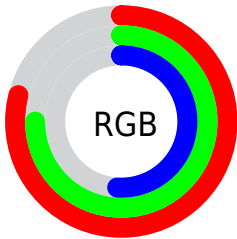
Format	Color
RYB	143, 202, 130
Decimal	13287298
CIELab	76.94, -5.15, 32.20
CIELCh	77, 32.613, 99.081
Yxy	51.4299, 0.3702, 0.4049
Android (android.graphics.Color)	4291477378 (0xFFCABF82)
YUV	187.3350, -28.2662, 12.8612
Hunter-Lab	71.7146, -8.4605, 26.5829

Details

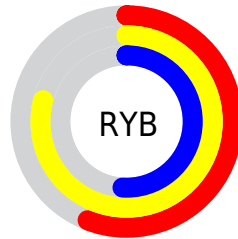
The Yxy color **51.4299, 0.3702, 0.4049** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.0693, 0.2508, 0.2394**, and the grayscale version is **50.0477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2422, 0.3569, 0.3916**, and **24.9592, 0.3842, 0.4249** is the 20% darker color. If you saturate the color by 10%, you get **49.6068, 0.3870, 0.4253**, and if you desaturate by 10%, it is **53.3927, 0.3533, 0.3835**.

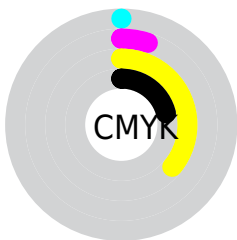
Distribution



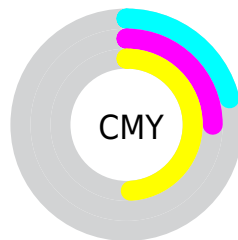
- Red (79%)
- Green (75%)
- Blue (51%)



- Red (56%)
- Yellow (79%)
- Blue (51%)



- Cyan (0%)
- Magenta (5%)
- Yellow (36%)
- Black (21%)





- Cyan (21%)
- Magenta (25%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4299, 0.3702, 0.4049 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 51.4299, 0.3702, 0.4049 by changing the saturation by 10% instead.


 51.4299, 0.3702,
0.4049

 51.4299, 0.3702,
0.4049

392.2317, 0.3426,
0.3676


 36.5509, 0.3766,
0.4138


 92.2899, 0.3605,
0.3916

 24.8599, 0.3845,
0.4250


 119.0397, 0.3568,
0.3865

 15.9727, 0.3943,
0.4394

 150.5152, 0.3536,
0.3822

 9.5049, 0.4066,
0.4581

187.1007, 0.3508,
0.3785

 5.0719, 0.4220,
0.4832

229.1807, 0.3484,
0.3752

 2.2895, 0.4597,
0.5403

277.1397, 0.3462,

 0.7682, 0.4404,

0.3724

0.5596

331.3619, 0.3443,
0.3699

0.0000, 0.0000,
0.0000

51.4299, 0.3702,
0.4049

51.4299, 0.3702,
0.4049

49.6068, 0.3870,
0.4253

53.3927, 0.3533,
0.3835

47.9100, 0.4030,
0.4438

55.4941, 0.3369,
0.3618

46.3346, 0.4176,
0.4593

57.7419, 0.3212,
0.3406

44.8728, 0.4300,
0.4710

60.1414, 0.3065,
0.3203

43.5152, 0.4398,
0.4783

62.6973, 0.2929,
0.3012

■ 42.2506, 0.4468,
0.4810

■ 65.4144, 0.2805,
0.2834

■ 41.7203, 0.4494,
0.4814

■ 67.1940, 0.2785,
0.2830

■ 68.7618, 0.2787,
0.2865

■ 70.3595, 0.2790,
0.2899

Harmonies

Analogous

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



51.4299, 0.3962, 0.3825



51.4299, 0.3702, 0.4049



51.4299, 0.3297, 0.4063

Triad

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



51.4299, 0.3702, 0.4049



51.4299, 0.2336, 0.2989



51.4299, 0.3357, 0.2834

Complementary

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



51.4299, 0.3702, 0.4049



28.0693, 0.2508, 0.2394

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.



51.4299, 0.2910, 0.2635



51.4299, 0.3702, 0.4049



51.4299, 0.2348, 0.2699

Square

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



51.4299, 0.3702, 0.4049



51.4299, 0.2517, 0.3406



51.4299, 0.2549, 0.2582



51.4299, 0.3762, 0.3139

Rectangle

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



51.4299, 0.3702, 0.4049



51.4299, 0.3004, 0.3927



51.4299, 0.2549, 0.2582



51.4299, 0.3205, 0.2754

Sweetspot

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



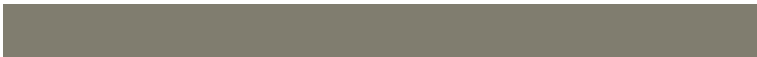
51.4322, 0.3702, 0.4049



95.6133, 0.3297, 0.3522



30.4782, 0.3829, 0.3135



20.3541, 0.3318, 0.3551



0.0000, 0.0000, 0.0000



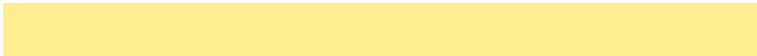
21.4041, 0.3127, 0.3290

Same Dimension

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



51.4322, 0.3702, 0.4049



84.5863, 0.3835, 0.4213



53.3322, 0.3455, 0.4234



12.7926, 0.3269, 0.3485



26.9442, 0.4489, 0.4818



1.4711, 0.4422, 0.4871

Inverse Universe

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



28.0693, 0.2508, 0.2394



39.1618, 0.2350, 0.2154



27.1012, 0.2698, 0.2287



11.1167, 0.2982, 0.3088



3.4557, 0.1538, 0.0737



0.2687, 0.1624, 0.1045

Previews

White Background



This preview shows how the Yxy color 51.4299, 0.3702, 0.4049 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 51.4299, 0.3702, 0.4049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

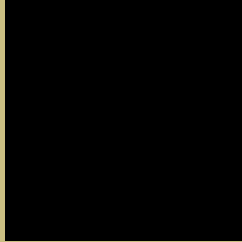
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.4299, 0.3702, 0.4049

Background



This preview shows how black text looks on a background with the Yxy color 51.4299, 0.3702, 0.4049.



This preview shows how white text looks on a background with the Yxy color 51.4299, 0.3702, 0.4049.

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

51.4299, 0.3702, 0.4049

Protanopia

51.5604, 0.3742, 0.4028

Deuteranopia

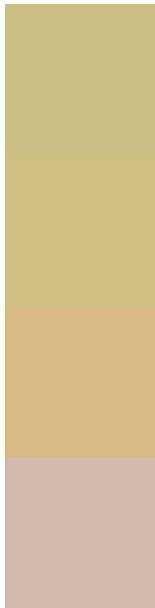
51.2906, 0.3943, 0.3870



Tritanopia

51.5998, 0.3245, 0.3124

Trichromacy



Original Color

51.4299, 0.3702, 0.4049

Protanomaly

51.4178, 0.3733, 0.4031

Deuteranomaly

51.0883, 0.3855, 0.3935

Tritanomaly

51.4003, 0.3411, 0.3449

Monochromacy



Original Color

51.4299, 0.3702, 0.4049

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.9261, 0.3334, 0.3572

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4299, 0.3702, 0.4049 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, 191, 130)` looks like.

```
.text, #text, p{  
    color:rgb(202, 191, 130)  
}
```

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, 191, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 191, 130) }
```

Border

The CSS property to change the border of an element to Yxy 51.4299, 0.3702, 0.4049 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, 191, 130) }
```

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

```
.border{ border-color:rgb(202, 191, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 191, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 191, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 191, 130);  
box-shadow:4px 4px 4px 4px rgb(202, 191,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4299, 0.3702, 0.4049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 191, 130) }
```

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

```
.background{ background-color: rgb(202,  
191, 130) }
```

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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