

Converting Colors

$Yxy(52.1287, 0.3384, 0.4001)$

Have a look what the booklet for
Yxy(52.1287, 0.3384, 0.4001)
contains.

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Color

Yxy(52.1051, 0.3381, 0.4000)

Conversions

Conversions Part 1

Format	Color
Hex	B4C690
RGB	180, 198, 144
RGB Percent	71%, 78%, 56%
CMY	0.2943, 0.2235, 0.4353
CMYK	0.09, 0.00, 0.27, 0.22
HSL	80°, 32%, 67%
HSV	80°, 27%, 78%
XYZ	44.0418, 52.1051, 34.1158
YIQ	186.4620, 6.6060, -20.6100

Conversions

Conversions Part 2

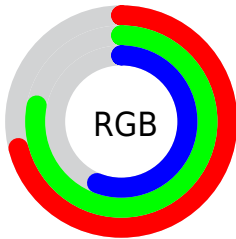
Format	Color
RYB	144, 198, 162
Decimal	11847312
CIELab	77.34, -15.43, 25.10
CIELCh	77, 29.462, 121.586
Yxy	52.1051, 0.3381, 0.4000
Android (android.graphics.Color)	4290037392 (0xFFB4C690)
YUV	186.4620, -20.9338, -5.6672
Hunter-Lab	72.1839, -17.4128, 22.5068

Details

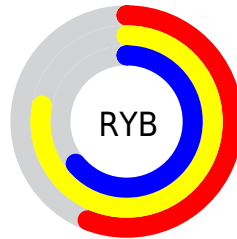
The Yxy color **52.1051, 0.3381, 0.4000** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.7073, 0.2818, 0.2547**, and the grayscale version is **49.4892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4301, 0.3339, 0.3874**, and **25.2489, 0.3445, 0.4202** is the 20% darker color. If you saturate the color by 10%, you get **50.7787, 0.3467, 0.4278**, and if you desaturate by 10%, it is **53.5802, 0.3289, 0.3728**.

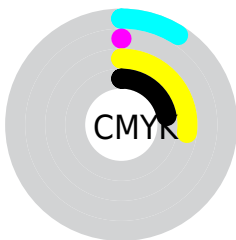
Distribution



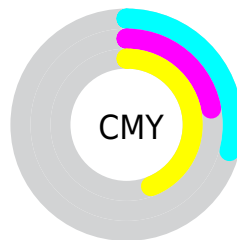
- Red (71%)
- Green (78%)
- Blue (56%)



- Red (56%)
- Yellow (78%)
- Blue (64%)



- Cyan (9%)
- Magenta (0%)
- Yellow (27%)
- Black (22%)





- Cyan (29%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1051, 0.3381, 0.4000 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 52.1051, 0.3381, 0.4000 by changing the saturation by 10% instead.

 52.1051, 0.3381,
0.4000


 52.1051, 0.3381,
0.4000


394.8422, 0.3263,
0.3642

 37.0889, 0.3407,
0.4089


 93.2862, 0.3340,
0.3870

 25.2763, 0.3439,
0.4204


 120.2199, 0.3325,
0.3821

 16.2830, 0.3477,
0.4356


151.8948, 0.3311,
0.3780

 9.7247, 0.3523,
0.4566

188.6954, 0.3299,
0.3744

 5.2168, 0.3575,
0.4871

231.0060, 0.3288,
0.3714

 2.3750, 0.3720,
0.5502

279.2111, 0.3279,

 0.8130, 0.3276,

0.3687

0.6724

333.6951, 0.3271,
0.3663

0.0000, 0.0000,
0.0000

52.1051, 0.3381,
0.4000

52.1051, 0.3381,
0.4000

50.7787, 0.3467,
0.4278

53.5802, 0.3289,
0.3728

49.5881, 0.3543,
0.4553

55.2029, 0.3195,
0.3469

48.5290, 0.3604,
0.4813

56.9806, 0.3102,
0.3226

47.5941, 0.3645,
0.5047

58.9185, 0.3012,
0.3002

46.7753, 0.3662,
0.5242

61.0213, 0.2927,
0.2798

■ 46.0632, 0.3654,
0.5389

■ 62.7810, 0.2897,
0.2687

■ 45.4449, 0.3623,
0.5489

■ 63.8325, 0.2944,
0.2696

■ 45.2873, 0.3614,
0.5513

■ 64.9253, 0.2991,
0.2704

■ 66.0599, 0.3040,
0.2712

Harmonies

Analogous

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



52.1051, 0.3722, 0.3939



52.1051, 0.3381, 0.4000



52.1051, 0.2986, 0.3836

Triad

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



52.1051, 0.3381, 0.4000



52.1051, 0.2401, 0.2810



52.1051, 0.3618, 0.3080

Complementary

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



52.1051, 0.3381, 0.4000



31.7073, 0.2818, 0.2547

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.



52.1051, 0.3233, 0.2821



52.1051, 0.3381, 0.4000



52.1051, 0.2544, 0.2660

Square

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



52.1051, 0.3381, 0.4000



52.1051, 0.2436, 0.3109



52.1051, 0.2841, 0.2670



52.1051, 0.3871, 0.3396

Rectangle

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



52.1051, 0.3381, 0.4000



52.1051, 0.2746, 0.3620



52.1051, 0.2841, 0.2670



52.1051, 0.3498, 0.2984

Sweetspot

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



52.1074, 0.3381, 0.4000



97.4845, 0.3203, 0.3490



39.8612, 0.3650, 0.3527



20.7688, 0.3217, 0.3528



0.0000, 0.0000, 0.0000



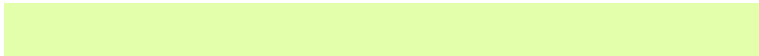
21.4041, 0.3127, 0.3290

Same Dimension

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



52.1074, 0.3381, 0.4000



90.7641, 0.3436, 0.4172



49.1810, 0.3160, 0.4051



12.2326, 0.3215, 0.3522



29.4940, 0.3621, 0.5507



1.4350, 0.3743, 0.5410

Inverse Universe

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



31.7073, 0.2818, 0.2547



48.4288, 0.2731, 0.2356



34.8412, 0.3072, 0.2600



10.4569, 0.3034, 0.3055



3.4513, 0.1755, 0.0740



0.2032, 0.1996, 0.0873

Previews

White Background



This preview shows how the Yxy color 52.1051, 0.3381, 0.4000 looks on a white background.

Color Contrast Check

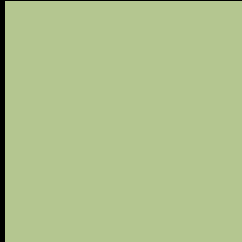
Large Text (above 18pt) WCAG AA × Fail

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 52.1051, 0.3381, 0.4000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

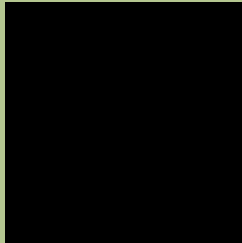
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.1051, 0.3381, 0.4000

Background



This preview shows how black text looks on a background with the Yxy color 52.1051, 0.3381, 0.4000.



This preview shows how white text looks on a background with the Yxy color 52.1051, 0.3381, 0.4000.

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

52.1051, 0.3381, 0.4000

Protanopia

52.1638, 0.3642, 0.3908

Deuteranopia

51.8209, 0.3793, 0.3713



Tritanopia

52.0535, 0.3008, 0.3105

Trichromacy



Original Color

52.1051, 0.3381, 0.4000

Protanomaly

52.2723, 0.3545, 0.3948

Deuteranomaly

51.4517, 0.3639, 0.3806

Tritanomaly

51.9979, 0.3145, 0.3417

Monochromacy



Original Color

52.1051, 0.3381, 0.4000

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.9575, 0.3223, 0.3537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1051, 0.3381, 0.4000 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(180, 198, 144)` looks like.

```
.text, #text, p{  
    color:rgb(180, 198, 144)  
}
```

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(180, 198, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 198, 144) }
```

Border

The CSS property to change the border of an element to Yxy 52.1051, 0.3381, 0.4000 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(180, 198, 144) }
```

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

```
.border{ border-color:rgb(180, 198, 144) }
```

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

Here you see how a box with a 4 pixel rgb(180, 198, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 198, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 198, 144);  
box-shadow:4px 4px 4px 4px rgb(180, 198,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1051, 0.3381, 0.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 198, 144) }
```

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

```
.background{ background-color: rgb(180,  
198, 144) }
```

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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