

Converting Colors

$Yxy(52.8974, 0.3405, 0.4075)$

Have a look what the booklet for
Yxy(52.8974, 0.3405, 0.4075)
contains.

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Color

Yxy(52.9053, 0.3406, 0.4076)

Conversions

Conversions Part 1

Format	Color
Hex	B4C88C
RGB	180, 200, 140
RGB Percent	71%, 78%, 55%
CMY	0.2941, 0.2157, 0.4511
CMYK	0.10, 0.00, 0.30, 0.22
HSL	80°, 35%, 67%
HSV	80°, 30%, 78%
XYZ	44.2089, 52.9053, 32.6829
YIQ	187.1800, 7.3400, -22.9000

Conversions

Conversions Part 2

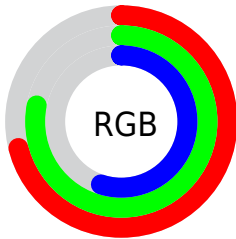
Format	Color
RYB	140, 200, 160
Decimal	11847820
CIELab	77.82, -16.99, 27.85
CIElCh	78, 32.621, 121.392
Yxy	52.9053, 0.3406, 0.4076
Android (android.graphics.Color)	4290037900 (0xFFB4C88C)
YUV	187.1800, -23.2597, -6.2969
Hunter-Lab	72.7360, -18.7959, 24.2741

Details

The Yxy color **52.9053, 0.3406, 0.4076** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.3916, 0.2779, 0.2463**, and the grayscale version is **49.9318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2479, 0.3363, 0.3915**, and **25.7147, 0.3464, 0.4305** is the 20% darker color. If you saturate the color by 10%, you get **51.5895, 0.3490, 0.4354**, and if you desaturate by 10%, it is **54.3715, 0.3315, 0.3802**.

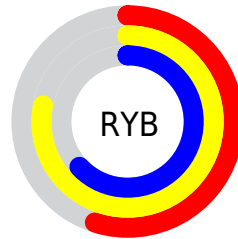
Distribution



Red (71%)

Green (78%)

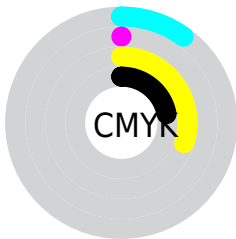
Blue (55%)



Red (55%)

Yellow (78%)

Blue (63%)

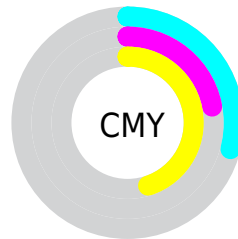


Cyan (10%)

Magenta (0%)

Yellow (30%)

Black (22%)



Cyan (29%)


Magenta (22%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9053, 0.3406, 0.4076 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 52.9053, 0.3406, 0.4076 by changing the saturation by 10% instead.


 52.9053, 0.3406,
0.4076


 52.9053, 0.3406,
0.4076


397.9217, 0.3278,
0.3681


 37.7272, 0.3434,
0.4175


 94.4650, 0.3362,
0.3932

 25.7710, 0.3467,
0.4301


 121.6154, 0.3345,
0.3878

 16.6524, 0.3506,
0.4467

 153.5253, 0.3330,
0.3833

 9.9870, 0.3552,
0.4695

190.5791, 0.3317,
0.3793

 5.3903, 0.3599,
0.5024

233.1613, 0.3306,
0.3760

 2.4781, 0.3774,
0.5759

281.6562, 0.3295,

 0.8656, 0.3203,

0.3730

0.6797

336.4482, 0.3286,
0.3704

0.0000, 0.0000,
0.0000

52.9053, 0.3406,
0.4076

52.9053, 0.3406,
0.4076

51.5895, 0.3490,
0.4354

54.3715, 0.3315,
0.3802

50.4107, 0.3563,
0.4626

55.9870, 0.3221,
0.3538

49.3643, 0.3619,
0.4880


57.7596, 0.3127,
0.3290

48.4428, 0.3653,
0.5104

59.6945, 0.3036,
0.3061


47.6374, 0.3664,
0.5287

61.7968, 0.2950,
0.2852


 46.9381, 0.3649,
0.5421

 63.7460, 0.2899,
0.2709

 46.3267, 0.3615,
0.5512

 64.8069, 0.2947,
0.2717

 65.9097, 0.2994,
0.2725

 67.0549, 0.3043,
0.2733

Harmonies

Analogous

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



52.9053, 0.3781, 0.4002



52.9053, 0.3406, 0.4076



52.9053, 0.2972, 0.3898

Triad

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



52.9053, 0.3406, 0.4076



52.9053, 0.2333, 0.2762



52.9053, 0.3665, 0.3056

Complementary

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



52.9053, 0.3406, 0.4076



30.3916, 0.2779, 0.2463

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.



52.9053, 0.3239, 0.2776



52.9053, 0.3406, 0.4076



52.9053, 0.2486, 0.2601

Square

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



52.9053, 0.3406, 0.4076



52.9053, 0.2371, 0.3090



52.9053, 0.2809, 0.2612



52.9053, 0.3946, 0.3400

Rectangle

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



52.9053, 0.3406, 0.4076



52.9053, 0.2709, 0.3658



52.9053, 0.2809, 0.2612



52.9053, 0.3533, 0.2953

Sweetspot

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



52.9076, 0.3406, 0.4076



97.1872, 0.3213, 0.3515



38.9645, 0.3720, 0.3540



20.7093, 0.3226, 0.3553



0.0000, 0.0000, 0.0000



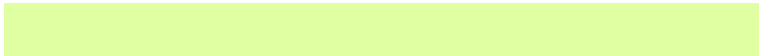
21.4041, 0.3127, 0.3290

Same Dimension

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



52.9076, 0.3406, 0.4076



90.0839, 0.3462, 0.4257



49.7818, 0.3170, 0.4137



12.2331, 0.3215, 0.3522



29.5048, 0.3623, 0.5505



1.4354, 0.3745, 0.5409

Inverse Universe

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



30.3916, 0.2779, 0.2463



44.9275, 0.2685, 0.2260



33.7387, 0.3054, 0.2527



10.4563, 0.3034, 0.3055



3.4466, 0.1754, 0.0740



0.2030, 0.1994, 0.0872

Previews

White Background



This preview shows how the Yxy color 52.9053, 0.3406, 0.4076 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 52.9053, 0.3406, 0.4076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

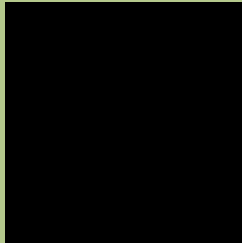
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9053, 0.3406, 0.4076

Background



This preview shows how black text looks on a background with the Yxy color 52.9053, 0.3406, 0.4076.



This preview shows how white text looks on a background with the Yxy color 52.9053, 0.3406, 0.4076.

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

52.9053, 0.3406, 0.4076

Protanopia

52.7422, 0.3696, 0.3976

Deuteranopia

52.5950, 0.3850, 0.3766



Tritanopia

52.5854, 0.2994, 0.3094

Trichromacy



Original Color

52.9053, 0.3406, 0.4076

Protanomaly

52.7067, 0.3589, 0.4020

Deuteranomaly

52.4815, 0.3682, 0.3875

Tritanomaly

52.4416, 0.3145, 0.3429

Monochromacy



Original Color

52.9053, 0.3406, 0.4076

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.7919, 0.3229, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9053, 0.3406, 0.4076 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, 200, 140)` looks like.

```
.text, #text, p{  
    color:rgb(180, 200, 140)  
}
```

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, 200, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 200, 140) }
```

Border

The CSS property to change the border of an element to Yxy 52.9053, 0.3406, 0.4076 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, 200, 140) }
```

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

```
.border{ border-color:rgb(180, 200, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 200, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 200, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 200, 140);  
box-shadow:4px 4px 4px 4px rgb(180, 200,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9053, 0.3406, 0.4076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 200, 140) }
```

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

```
.background{ background-color: rgb(180,  
200, 140) }
```

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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