

Converting Colors

$Yxy(52.5334, 0.3704, 0.4121)$

Have a look what the booklet for
Yxy(52.5334, 0.3704, 0.4121)
contains.

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Color

Yxy(52.5334, 0.3704, 0.4121)

Conversions

Conversions Part 1

Format	Color
Hex	C9C27F
RGB	201, 194, 127
RGB Percent	79%, 76%, 50%
CMY	0.2116, 0.2392, 0.5020
CMYK	0.00, 0.04, 0.37, 0.21
HSL	54°, 41%, 64%
HSV	54°, 37%, 79%
XYZ	47.2176, 52.5334, 27.7263
YIQ	188.4550, 25.6790, -19.3530

Conversions

Conversions Part 2

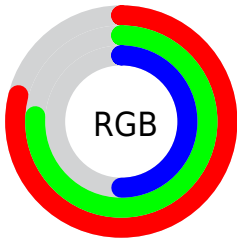
Format	Color
RYB	135, 201, 127
Decimal	13222527
CIELab	77.60, -7.45, 34.61
CIElCh	78, 35.402, 102.141
Yxy	52.5334, 0.3704, 0.4121
Android (android.graphics.Color)	4291412607 (0xFFC9C27F)
YUV	188.4550, -30.2973, 11.0020
Hunter-Lab	72.4799, -10.5547, 28.0553

Details

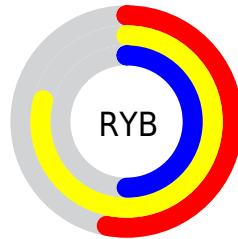
The Yxy color **52.5334, 0.3704, 0.4121** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.7914, 0.2476, 0.2294**, and the grayscale version is **50.7303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9265, 0.3586, 0.3983**, and **25.6966, 0.3838, 0.4341** is the 20% darker color. If you saturate the color by 10%, you get **51.2166, 0.3859, 0.4333**, and if you desaturate by 10%, it is **53.9705, 0.3544, 0.3896**.

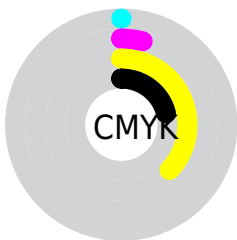
Distribution



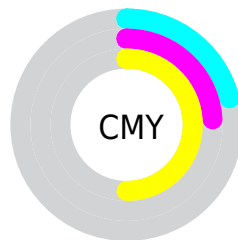
- Red (79%)
- Green (76%)
- Blue (50%)



- Red (53%)
- Yellow (79%)
- Blue (50%)



- Cyan (0%)
- Magenta (4%)
- Yellow (37%)
- Black (21%)





- Cyan (21%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5334, 0.3704, 0.4121 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 52.5334, 0.3704, 0.4121 by changing the saturation by 10% instead.

 52.5334, 0.3704,
0.4121

 52.5334, 0.3704,
0.4121


396.4924, 0.3430,
0.3713

 37.4304, 0.3766,
0.4219


 93.9174, 0.3609,
0.3976

 25.5409, 0.3842,
0.4340


 120.9672, 0.3572,
0.3920

 16.4805, 0.3935,
0.4496


 152.7681, 0.3540,
0.3873

 9.8648, 0.4049,
0.4699

189.7045, 0.3512,
0.3832

 5.3094, 0.4183,
0.4968

232.1607, 0.3488,
0.3796

 2.4299, 0.4479,
0.5521

280.5211, 0.3467,

 0.8412, 0.4234,

0.3765

0.5766

335.1702, 0.3448,
0.3738

0.0000, 0.0000,
0.0000

52.5334, 0.3704,
0.4121

52.5334, 0.3704,
0.4121

51.2166, 0.3859,
0.4333

53.9705, 0.3544,
0.3896

50.0067, 0.4003,
0.4523

55.5266, 0.3384,
0.3666

48.8991, 0.4130,
0.4681


57.2093, 0.3229,
0.3440

47.8859, 0.4233,
0.4799

59.0238, 0.3082,
0.3222

46.9580, 0.4309,
0.4873

60.9747, 0.2944,
0.3016

 46.1032, 0.4358,
0.4905

 63.0665, 0.2817,
0.2824

 45.8407, 0.4372,
0.4911

 64.4569, 0.2775,
0.2770

 65.3920, 0.2776,
0.2792

 66.3384, 0.2778,
0.2813

Harmonies

Analogous

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



52.5334, 0.4007, 0.3893



52.5334, 0.3704, 0.4121



52.5334, 0.3258, 0.4113

Triad

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



52.5334, 0.3704, 0.4121



52.5334, 0.2271, 0.2923



52.5334, 0.3422, 0.2831

Complementary

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



52.5334, 0.3704, 0.4121



25.7914, 0.2476, 0.2294

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.



52.5334, 0.2939, 0.2604



52.5334, 0.3704, 0.4121



52.5334, 0.2305, 0.2632

Square

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



52.5334, 0.3704, 0.4121



52.5334, 0.2443, 0.3364



52.5334, 0.2539, 0.2529



52.5334, 0.3848, 0.3163

Rectangle

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



52.5334, 0.3704, 0.4121



52.5334, 0.2945, 0.3948



52.5334, 0.2539, 0.2529



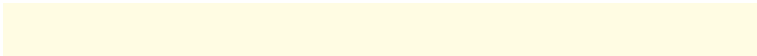
52.5334, 0.3260, 0.2741

Sweetspot

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



52.5358, 0.3704, 0.4121



96.6317, 0.3295, 0.3537



29.3320, 0.3923, 0.3195



20.5984, 0.3316, 0.3568



0.0000, 0.0000, 0.0000



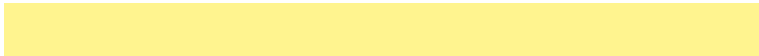
21.4041, 0.3127, 0.3290

Same Dimension

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



52.5358, 0.3704, 0.4121



88.1318, 0.3826, 0.4288



52.0298, 0.3423, 0.4280



12.2377, 0.3267, 0.3497



28.8831, 0.4369, 0.4913



1.4191, 0.4328, 0.4946

Inverse Universe

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



25.7914, 0.2476, 0.2294



35.9814, 0.2316, 0.2042



26.5245, 0.2727, 0.2263



10.4471, 0.2983, 0.3074



3.0084, 0.1520, 0.0672



0.1993, 0.1583, 0.0900

Previews

White Background



This preview shows how the Yxy color 52.5334, 0.3704, 0.4121 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 52.5334, 0.3704, 0.4121 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 52.5334, 0.3704, 0.4121

Background



This preview shows how black text looks on a background with the Yxy color 52.5334, 0.3704, 0.4121.



This preview shows how white text looks on a background with the Yxy color 52.5334, 0.3704, 0.4121.

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

52.5334, 0.3704, 0.4121

Protanopia

52.6155, 0.3782, 0.4092

Deuteranopia

52.2749, 0.3999, 0.3906



Tritanopia

52.3768, 0.3219, 0.3125

Trichromacy



Original Color

52.5334, 0.3704, 0.4121

Protanomaly

52.6254, 0.3751, 0.4111

Deuteranomaly

52.1592, 0.3889, 0.3986

Tritanomaly

52.1054, 0.3399, 0.3474

Monochromacy



Original Color

52.5334, 0.3704, 0.4121

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.9175, 0.3339, 0.3595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5334, 0.3704, 0.4121 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, 194, 127)` looks like.

```
.text, #text, p{  
    color:rgb(201, 194, 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(201, 194, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 194, 127) }
```

Border

The CSS property to change the border of an element to Yxy 52.5334, 0.3704, 0.4121 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, 194, 127) }
```

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

```
.border{ border-color:rgb(201, 194, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 194, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 194, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 194, 127);  
box-shadow:4px 4px 4px 4px rgb(201, 194,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5334, 0.3704, 0.4121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 194, 127) }
```

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

```
.background{ background-color: rgb(201,  
194, 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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