

Converting Colors

$Yxy(52.5373, 0.3782, 0.4056)$

Have a look what the booklet for
Yxy(52.5373, 0.3782, 0.4056)
contains.

Yxy(52.3754, 0.3780, 0.4055)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.3754, 0.3780, 0.4055)

Conversions

Conversions Part 1

Format	Color
Hex	D1BF80
RGB	209, 191, 128
RGB Percent	82%, 75%, 50%
CMY	0.1804, 0.2510, 0.4980
CMYK	0.00, 0.09, 0.39, 0.18
HSL	47°, 47%, 66%
HSV	47°, 39%, 82%
XYZ	48.8234, 52.3754, 27.9637
YIQ	189.2000, 30.9510, -15.7770

Conversions

Conversions Part 2

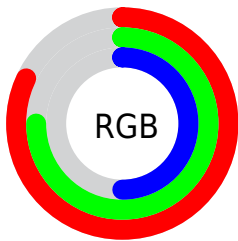
Format	Color
RYB	151, 209, 128
Decimal	13746048
CIELab	77.50, -2.60, 34.09
CIELCh	78, 34.186, 94.365
Yxy	52.3754, 0.3780, 0.4055
Android (android.graphics.Color)	4291936128 (0xFFD1BF80)
YUV	189.2000, -30.1716, 17.3646
Hunter-Lab	72.3709, -6.2278, 27.7503

Details

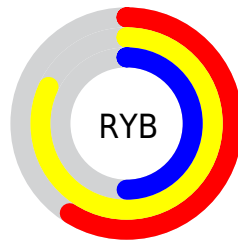
The Yxy color **52.3754, 0.3780, 0.4055** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.7581, 0.2458, 0.2382**, and the grayscale version is **51.1744, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1177, 0.3588, 0.3946**, and **25.4993, 0.3934, 0.4251** is the 20% darker color. If you saturate the color by 10%, you get **49.8884, 0.3962, 0.4242**, and if you desaturate by 10%, it is **55.0448, 0.3599, 0.3856**.

Distribution



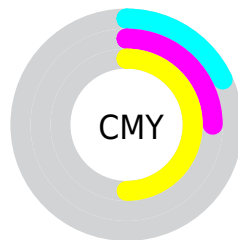
- Red (82%)
- Green (75%)
- Blue (50%)



- Red (59%)
- Yellow (82%)
- Blue (50%)



- Cyan (0%)
- Magenta (9%)
- Yellow (39%)
- Black (18%)



- Cyan (18%)
- Magenta (25%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3754, 0.3780, 0.4055 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 52.3754, 0.3780, 0.4055 by changing the saturation by 10% instead.


 52.3754, 0.3780,
0.4055

 52.3754, 0.3780,
0.4055


395.8842, 0.3467,
0.3684

 37.3044, 0.3852,
0.4142


 93.6846, 0.3670,
0.3924

 25.4433, 0.3941,
0.4251


 120.6917, 0.3628,
0.3873

 16.4076, 0.4052,
0.4387


 152.4461, 0.3591,
0.3830

 9.8130, 0.4192,
0.4563

189.3325, 0.3560,
0.3793

 5.2752, 0.4365,
0.4789

231.7350, 0.3532,
0.3760

 2.4096, 0.4737,
0.5263

280.0382, 0.3508,

 0.8308, 0.4664,

0.3732

0.5336

334.6265, 0.3486,
0.3706

0.0000, 0.0000,
0.0000

52.3754, 0.3780,
0.4055

52.3754, 0.3780,
0.4055

49.8884, 0.3962,
0.4242

55.0448, 0.3599,
0.3856

47.5691, 0.4138,
0.4409

57.8965, 0.3425,
0.3655

45.4114, 0.4301,
0.4543

60.9393, 0.3261,
0.3457

43.4060, 0.4443,
0.4637

64.1794, 0.3109,
0.3267

41.5417, 0.4557,
0.4684

67.6225, 0.2970,
0.3088

■ 39.8015, 0.4644,
0.4687

■ 71.2740, 0.2843,
0.2921

■ 39.5897, 0.4654,
0.4687

■ 73.8316, 0.2837,
0.2955

■ 76.3561, 0.2840,
0.3006

■ 78.9493, 0.2842,
0.3056

Harmonies

Analogous

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



52.3754, 0.4019, 0.3795



52.3754, 0.3780, 0.4055



52.3754, 0.3374, 0.4112

Triad

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



52.3754, 0.3780, 0.4055



52.3754, 0.2322, 0.3037



52.3754, 0.3291, 0.2776

Complementary

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



52.3754, 0.3780, 0.4055



29.7581, 0.2458, 0.2382

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.



52.3754, 0.2833, 0.2591



52.3754, 0.3780, 0.4055



52.3754, 0.2303, 0.2710

Square

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



52.3754, 0.3780, 0.4055



52.3754, 0.2539, 0.3482



52.3754, 0.2482, 0.2561



52.3754, 0.3732, 0.3077

Rectangle

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



52.3754, 0.3780, 0.4055



52.3754, 0.3068, 0.4000



52.3754, 0.2482, 0.2561



52.3754, 0.3133, 0.2699

Sweetspot

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



52.3778, 0.3780, 0.4055



93.9202, 0.3315, 0.3523



31.1029, 0.3855, 0.3053



19.9670, 0.3337, 0.3549



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.



52.3778, 0.3780, 0.4055



79.0841, 0.3922, 0.4202



57.7787, 0.3525, 0.4307



13.3332, 0.3271, 0.3470



24.5608, 0.4646, 0.4693



1.4859, 0.4547, 0.4772

Inverse Universe

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



29.7581, 0.2458, 0.2382



39.0678, 0.2308, 0.2162



26.4941, 0.2601, 0.2172



11.8378, 0.2982, 0.3104



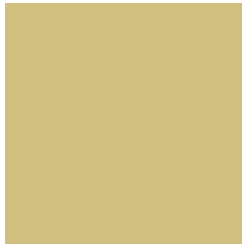
4.1872, 0.1568, 0.0845



0.3556, 0.1666, 0.1196

Previews

White Background



This preview shows how the Yxy color 52.3754, 0.3780, 0.4055 looks on a white background.

Color Contrast Check

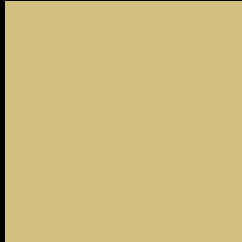
Large Text (above 18pt) WCAG AA × Fail

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 52.3754, 0.3780, 0.4055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

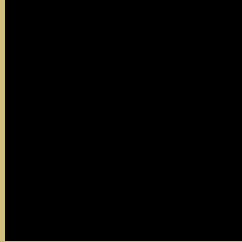
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3754, 0.3780, 0.4055

Background



This preview shows how black text looks on a background with the Yxy color 52.3754, 0.3780, 0.4055.



This preview shows how white text looks on a background with the Yxy color 52.3754, 0.3780, 0.4055.

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

52.3754, 0.3780, 0.4055

Protanopia

52.2300, 0.3771, 0.4058

Deuteranopia

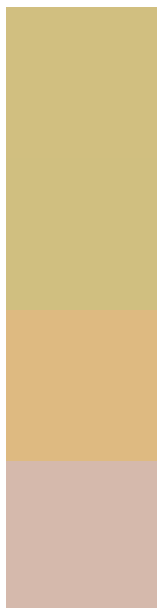
52.1367, 0.3982, 0.3897



Tritanopia

52.0860, 0.3297, 0.3116

Trichromacy



Original Color

52.3754, 0.3780, 0.4055

Protanomaly

52.2300, 0.3771, 0.4058

Deuteranomaly

52.2324, 0.3912, 0.3957

Tritanomaly

51.8226, 0.3475, 0.3447

Monochromacy



Original Color

52.3754, 0.3780, 0.4055

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.3527, 0.3357, 0.3580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3754, 0.3780, 0.4055 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(209, 191, 128)` looks like.

```
.text, #text, p{  
    color:rgb(209, 191, 128)  
}
```

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(209, 191, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 191, 128) }
```

Border

The CSS property to change the border of an element to Yxy 52.3754, 0.3780, 0.4055 is called "border". The border property can be set on classes, ids or directly on the HTML element.

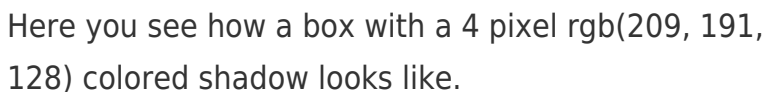
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 191, 128) }
```

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

```
.border{ border-color:rgb(209, 191, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 191, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 191, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 191, 128); box-shadow:4px 4px 4px 4px rgb(209, 191, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3754, 0.3780, 0.4055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 191, 128) }
```

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

```
.background{ background-color: rgb(209,  
191, 128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor