

# Converting Colors

Yxy(52.1374, 0.3388, 0.3780)

Have a look what the booklet for  
Yxy(52.1374, 0.3388, 0.3780)  
contains.

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# Color

**Yxy(52.0602, 0.3393, 0.3776)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFC29C
RGB	191, 194, 156
RGB Percent	75%, 76%, 61%
CMY	0.2509, 0.2392, 0.3883
CMYK	0.02, 0.00, 0.20, 0.24
HSL	65°, 24%, 69%
HSV	65°, 20%, 76%
XYZ	46.7797, 52.0602, 39.0314
YIQ	188.7710, 10.4100, -12.4540

# Conversions

## Conversions Part 2

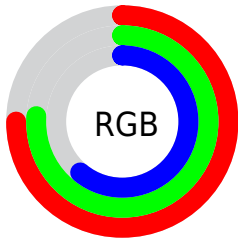
Format	Color
<b>RYB</b>	156, 194, 159
Decimal	12567196
CIELab	77.32, -7.46, 18.82
CIELCh	77, 20.241, 111.622
Yxy	52.0602, 0.3393, 0.3776
Android (android.graphics.Color)	4290757276 (0xFFBFC29C)
YUV	188.7710, -16.1561, 1.9548
Hunter-Lab	72.1528, -10.5381, 18.4337

# Details

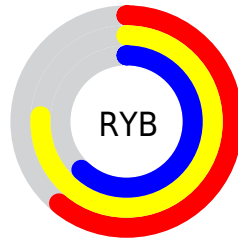
The Yxy color **52.0602, 0.3393, 0.3776** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.0387, 0.2831, 0.2762**, and the grayscale version is **50.8424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0308, 0.3349, 0.3680**, and **25.0945, 0.3455, 0.3898** is the 20% darker color. If you saturate the color by 10%, you get **51.2600, 0.3529, 0.4030**, and if you desaturate by 10%, it is **52.9721, 0.3256, 0.3524**.

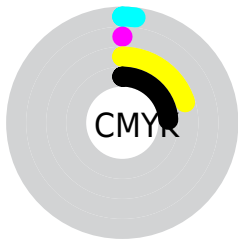
# Distribution



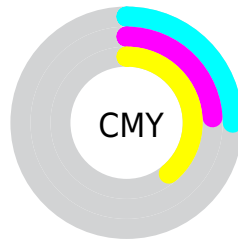
- Red (75%)
- Green (76%)
- Blue (61%)



- Red (61%)
- Yellow (76%)
- Blue (62%)



- Cyan (2%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)




- Cyan (25%)
- Magenta (24%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0602, 0.3393, 0.3776 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 52.0602, 0.3393, 0.3776 by changing the saturation by 10% instead.





 52.0602, 0.3393,  
0.3776


 52.0602, 0.3393,  
0.3776


394.6690, 0.3265,  
0.3534

 37.0531, 0.3423,  
0.3836


 93.2200, 0.3348,  
0.3688

 25.2486, 0.3461,  
0.3912


 120.1415, 0.3330,  
0.3656

 16.2624, 0.3510,  
0.4013


151.8032, 0.3315,  
0.3628

 9.7100, 0.3574,  
0.4152

188.5895, 0.3303,  
0.3604

 5.2071, 0.3662,  
0.4354

230.8849, 0.3291,  
0.3583

 2.3693, 0.3792,  
0.4682

279.0736, 0.3281,

 0.8100, 0.4205,

0.3565

0.5795

333.5402, 0.3273,  
0.3548

0.0000, 0.0000,  
0.0000

52.0602, 0.3393,  
0.3776

52.0602, 0.3393,  
0.3776

51.2600, 0.3529,  
0.4030

52.9721, 0.3256,  
0.3524

50.5595, 0.3659,  
0.4278

53.9933, 0.3122,  
0.3280

49.9557, 0.3778,  
0.4511

55.1306, 0.2993,  
0.3050

49.4427, 0.3881,  
0.4718

56.3880, 0.2872,  
0.2834

49.0140, 0.3961,  
0.4891

57.7696, 0.2760,  
0.2636

■ 48.6620, 0.4017,  
0.5022

■ 58.1076, 0.2758,  
0.2618

■ 48.3781, 0.4047,  
0.5109

■ 58.3191, 0.2769,  
0.2620

■ 48.1460, 0.4055,  
0.5160

■ 58.5327, 0.2779,  
0.2622

■ 48.1369, 0.4056,  
0.5162

■ 58.7484, 0.2790,  
0.2624

# Harmonies

## Analogous

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



52.0602, 0.3595, 0.3701



52.0602, 0.3393, 0.3776



52.0602, 0.3125, 0.3710

# Triad

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



52.0602, 0.3393, 0.3776



52.0602, 0.2612, 0.3023



52.0602, 0.3384, 0.3077

# Complementary

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



52.0602, 0.3393, 0.3776



35.0387, 0.2831, 0.2762

# 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.



52.0602, 0.3110, 0.2914



52.0602, 0.3393, 0.3776



52.0602, 0.2673, 0.2875

# Square

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



52.0602, 0.3393, 0.3776



52.0602, 0.2681, 0.3257



52.0602, 0.2852, 0.2840



52.0602, 0.3593, 0.3295



# Rectangle

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



52.0602, 0.3393, 0.3776



52.0602, 0.2947, 0.3591



52.0602, 0.2852, 0.2840



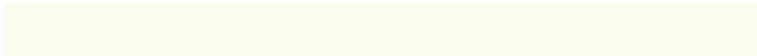
52.0602, 0.3296, 0.3015

# Sweetspot

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



52.0625, 0.3393, 0.3776



96.5931, 0.3209, 0.3438



38.5033, 0.3503, 0.3325



21.1264, 0.3218, 0.3454



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.



52.0625, 0.3393, 0.3776



93.6018, 0.3459, 0.3898



49.8079, 0.3236, 0.3801



11.7167, 0.3253, 0.3518



31.6642, 0.4058, 0.5160



1.3803, 0.4090, 0.5135



# Inverse Universe

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



35.0387, 0.2831, 0.2762



56.5160, 0.2748, 0.2615



37.0791, 0.2997, 0.2787



9.7850, 0.2995, 0.3053



2.6437, 0.1529, 0.0616



0.1275, 0.1632, 0.0673



# Previews

## White Background



This preview shows how the Yxy color 52.0602, 0.3393, 0.3776 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 52.0602, 0.3393, 0.3776 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

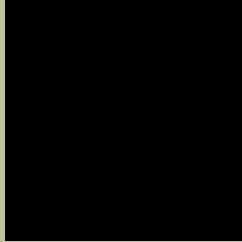
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

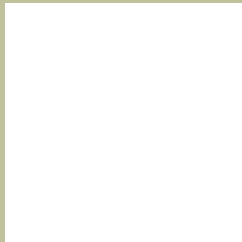
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 52.0602, 0.3393, 0.3776**

## **Background**



This preview shows how black text looks on a background with the Yxy color 52.0602, 0.3393, 0.3776.



This preview shows how white text looks on a background with the Yxy color 52.0602, 0.3393, 0.3776.

# 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

52.0602, 0.3393, 0.3776

### Protanopia

51.7166, 0.3514, 0.3739

### Deuteranopia

51.7077, 0.3671, 0.3587



## Tritanopia

52.1010, 0.3094, 0.3120

# Trichromacy



## Original Color

52.0602, 0.3393, 0.3776

## Protanomaly

51.6339, 0.3468, 0.3744

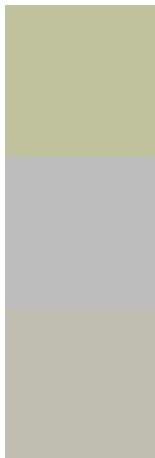
## Deuteranomaly

51.6766, 0.3569, 0.3657

## Tritanomaly

51.9318, 0.3207, 0.3352

# Monochromacy



## Original Color

52.0602, 0.3393, 0.3776

## Achromatopsia

50.8881, 0.3127, 0.3290

## Achromatomaly

51.3831, 0.3226, 0.3468

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.0602, 0.3393, 0.3776 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(191, 194, 156)` looks like.

```
.text, #text, p{  
    color:rgb(191, 194, 156)  
}
```

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(191, 194, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 194, 156) }
```

## Border

The CSS property to change the border of an element to Yxy 52.0602, 0.3393, 0.3776 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(191, 194, 156) }
```

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

```
.border{ border-color:rgb(191, 194, 156) }
```

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

Here you see how a box with a 4 pixel rgb(191, 194, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 194, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 194, 156);  
box-shadow:4px 4px 4px 4px rgb(191, 194,  
156) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.0602, 0.3393, 0.3776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 194, 156) }
```

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

```
.background{ background-color: rgb(191,  
194, 156) }
```

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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