

# Converting Colors

$Yxy(53.0575, 0.3554, 0.3597)$

Have a look what the booklet for  
Yxy(53.0575, 0.3554, 0.3597)  
contains.

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# Color

**Yxy(52.9069, 0.3551, 0.3591)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6BCA3
RGB	214, 188, 163
RGB Percent	84%, 74%, 64%
CMY	0.1609, 0.2627, 0.3608
CMYK	0.00, 0.12, 0.24, 0.16
HSL	29°, 38%, 74%
HSV	29°, 24%, 84%
XYZ	52.3176, 52.9069, 42.1075
YIQ	192.9240, 23.5210, -2.2630

# Conversions

## Conversions Part 2

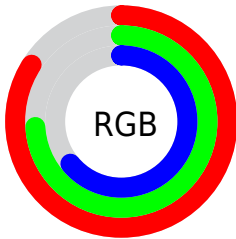
Format	Color
R <sub>Y</sub> B	214, 212, 163
Decimal	14072995
CIE Lab	77.82, 5.37, 16.05
CIE LCh	78, 16.922, 71.487
Yxy	52.9069, 0.3551, 0.3591
Android (android.graphics.Color)	4292263075 (0xFFD6BCA3)
YUV	192.9240, -14.7525, 18.4837
Hunter-Lab	72.7371, 1.0996, 16.5931

# Details

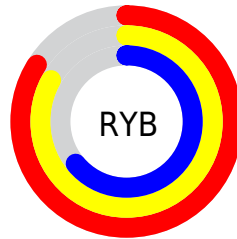
The Yxy color **52.9069, 0.3551, 0.3591** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.0139, 0.2751, 0.2969**, and the grayscale version is **53.3586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0233, 0.3361, 0.3547**, and **25.8466, 0.3672, 0.3674** is the 20% darker color. If you saturate the color by 10%, you get **47.7253, 0.3771, 0.3724**, and if you desaturate by 10%, it is **58.5744, 0.3357, 0.3460**.

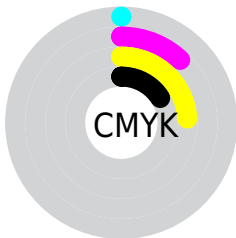
# Distribution



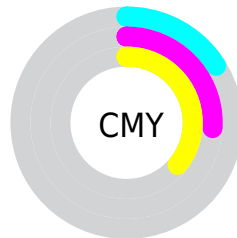
- Red (84%)
- Green (74%)
- Blue (64%)



- Red (84%)
- Yellow (83%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (24%)
- Black (16%)




- Cyan (16%)
- Magenta (26%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9069, 0.3551, 0.3591 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 52.9069, 0.3551, 0.3591 by changing the saturation by 10% instead.




 52.9069, 0.3551,  
0.3591


 52.9069, 0.3551,  
0.3591


397.9278, 0.3343,  
0.3446

 37.7285, 0.3602,  
0.3625

 94.4674, 0.3476,  
0.3540

 25.7720, 0.3666,  
0.3668


 121.6182, 0.3448,  
0.3520

 16.6532, 0.3750,  
0.3723

153.5285, 0.3424,  
0.3503

 9.9875, 0.3865,  
0.3796

190.5829, 0.3403,  
0.3489

 5.3907, 0.4029,  
0.3897

233.1656, 0.3385,  
0.3476

 2.4783, 0.4282,  
0.4042

281.6611, 0.3369,

 0.8657, 0.5256,

0.3465

0.4744

336.4537, 0.3355,  
0.3455

0.0000, 0.0000,  
0.0000

52.9069, 0.3551,  
0.3591

52.9069, 0.3551,  
0.3591

47.7253, 0.3771,  
0.3724

58.5744, 0.3357,  
0.3460

43.0083, 0.4015,  
0.3854

64.7341, 0.3186,  
0.3336

38.7430, 0.4280,  
0.3973

71.4015, 0.3038,  
0.3219

34.9135, 0.4559,  
0.4069

78.5887, 0.2909,  
0.3110

31.5023, 0.4837,  
0.4130

85.3046, 0.2877,  
0.3160

■ 28.4905, 0.5099,  
0.4143

■ 92.0012, 0.2882,  
0.3273

■ 25.8562, 0.5325,  
0.4102

■ 93.0303, 0.2883,  
0.3289

■ 24.3987, 0.5448,  
0.4056

# Harmonies

## Analogous

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



52.9069, 0.3570, 0.3424



52.9069, 0.3551, 0.3591



52.9069, 0.3415, 0.3685

# Triad

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



52.9069, 0.3551, 0.3591



52.9069, 0.2797, 0.3337



52.9069, 0.3037, 0.2944

# Complementary

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



52.9069, 0.3551, 0.3591



49.0139, 0.2751, 0.2969

# 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.



52.9069, 0.2838, 0.2912



52.9069, 0.3551, 0.3591



52.9069, 0.2704, 0.3130

# Square

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



52.9069, 0.3551, 0.3591



52.9069, 0.2979, 0.3539



52.9069, 0.2718, 0.2977



52.9069, 0.3267, 0.3059



# Rectangle

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



52.9069, 0.3551, 0.3591



52.9069, 0.3280, 0.3687



52.9069, 0.2718, 0.2977



52.9069, 0.2964, 0.2923

# Sweetspot

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



52.9093, 0.3551, 0.3591



93.2411, 0.3239, 0.3375



44.1758, 0.3371, 0.2976



19.8365, 0.3249, 0.3383



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.



52.9093, 0.3551, 0.3591



74.4042, 0.3668, 0.3664



64.5799, 0.3487, 0.3872



13.4173, 0.3279, 0.3405



14.9606, 0.5425, 0.4074



1.0678, 0.5157, 0.4287

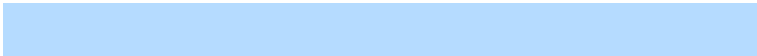


# Inverse Universe

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



49.0139, 0.2751, 0.2969



67.5568, 0.2662, 0.2883



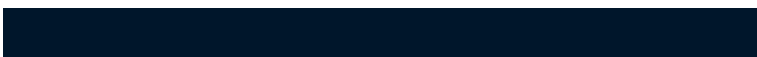
39.1398, 0.2724, 0.2633



13.0435, 0.2982, 0.3173



9.7487, 0.1783, 0.1618

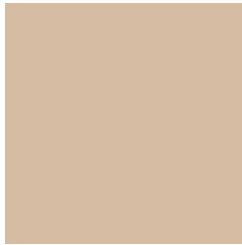


0.7535, 0.1869, 0.1927



# Previews

## White Background



This preview shows how the Yxy color 52.9069, 0.3551, 0.3591 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 52.9069, 0.3551, 0.3591 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

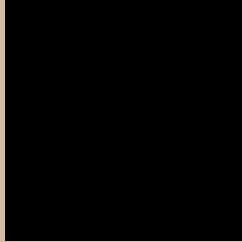
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 52.9069, 0.3551, 0.3591**

## **Background**



This preview shows how black text looks on a background with the Yxy color 52.9069, 0.3551, 0.3591.



This preview shows how white text looks on a background with the Yxy color 52.9069, 0.3551, 0.3591.

# 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

52.9069, 0.3551, 0.3591

### Protanopia

52.9724, 0.3421, 0.3624

### Deuteranopia

52.7504, 0.3613, 0.3538



## Tritanopia

52.8036, 0.3313, 0.3128

# Trichromacy



## Original Color

52.9069, 0.3551, 0.3591

## Protanomaly

53.0638, 0.3466, 0.3621

## Deuteranomaly

52.7036, 0.3584, 0.3552

## Tritanomaly

52.9524, 0.3401, 0.3291

# Monochromacy



## Original Color

52.9069, 0.3551, 0.3591

## Achromatopsia

53.3276, 0.3127, 0.3290

## Achromatomaly

53.0565, 0.3279, 0.3401

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.9069, 0.3551, 0.3591 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(214, 188, 163)` looks like.

```
.text, #text, p{  
    color:rgb(214, 188, 163)  
}
```

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(214, 188, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 188, 163) }
```

## Border

The CSS property to change the border of an element to Yxy 52.9069, 0.3551, 0.3591 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(214, 188, 163) }
```

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

```
.border{ border-color:rgb(214, 188, 163) }
```

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

Here you see how a box with a 4 pixel rgb(214, 188, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 188, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 188, 163);  
box-shadow:4px 4px 4px 4px rgb(214, 188,  
163) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.9069, 0.3551, 0.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 188, 163) }
```

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

```
.background{ background-color: rgb(214,  
188, 163) }
```

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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