

Converting Colors

$Yxy(52.8807, 0.3603, 0.3805)$

Have a look what the booklet for
Yxy(52.8807, 0.3603, 0.3805)
contains.

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Color

Yxy(52.8414, 0.3605, 0.3804)

Conversions

Conversions Part 1

Format	Color
Hex	D0BF95
RGB	208, 191, 149
RGB Percent	82%, 75%, 58%
CMY	0.1841, 0.2510, 0.4157
CMYK	0.00, 0.08, 0.28, 0.18
HSL	43°, 39%, 70%
HSV	43°, 28%, 82%
XYZ	50.0771, 52.8414, 35.9916
YIQ	191.2950, 23.6140, -9.4580

Conversions

Conversions Part 2

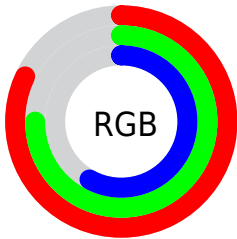
Format	Color
R_{YB}	173, 208, 149
Decimal	13680533
CIE _{Lab}	77.78, -0.39, 23.41
CIE _{LCh}	78, 23.410, 90.967
Yxy	52.8414, 0.3605, 0.3804
Android (android.graphics.Color)	4291870613 (0xFFD0BF95)
YUV	191.2950, -20.8514, 14.6503
Hunter-Lab	72.6921, -4.2437, 21.5286

Details

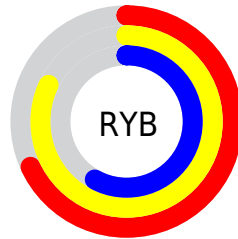
The Yxy color **52.8414, 0.3605, 0.3804** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.2365, 0.2659, 0.2716**, and the grayscale version is **52.3975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0933, 0.3450, 0.3726**, and **25.8311, 0.3729, 0.3943** is the 20% darker color. If you saturate the color by 10%, you get **49.6704, 0.3797, 0.3989**, and if you desaturate by 10%, it is **56.2435, 0.3424, 0.3618**.

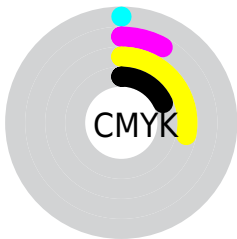
Distribution



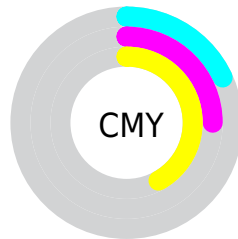
- Red (82%)
- Green (75%)
- Blue (58%)



- Red (68%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (8%)
- Yellow (28%)
- Black (18%)




- Cyan (18%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8414, 0.3605, 0.3804 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 52.8414, 0.3605, 0.3804 by changing the saturation by 10% instead.


 52.8414, 0.3605,
0.3804

 52.8414, 0.3605,
0.3804

397.6763, 0.3373,
0.3554

 37.6762, 0.3661,
0.3864


 94.3709, 0.3522,
0.3715

 25.7315, 0.3730,
0.3939


 121.5041, 0.3491,
0.3681

 16.6228, 0.3820,
0.4036


153.3953, 0.3464,
0.3652

 9.9660, 0.3939,
0.4166

190.4289, 0.3441,
0.3627

 5.3764, 0.4103,
0.4344

232.9895, 0.3420,
0.3605

 2.4698, 0.4389,
0.4655

281.4613, 0.3402,

 0.8614, 0.4843,

0.3586

0.5157

336.2288, 0.3387,
0.3569

0.0000, 0.0000,
0.0000

52.8414, 0.3605,
0.3804

52.8414, 0.3605,
0.3804

49.6704, 0.3797,
0.3989

56.2435, 0.3424,
0.3618

46.7156, 0.3994,
0.4164

59.8765, 0.3256,
0.3436

43.9712, 0.4191,
0.4319

63.7495, 0.3103,
0.3263

41.4283, 0.4379,
0.4445

67.8689, 0.2965,
0.3099

39.0768, 0.4548,
0.4530

72.2408, 0.2841,
0.2948

■ 36.9051, 0.4691,
0.4567

■ 75.5984, 0.2833,
0.2993

■ 34.8963, 0.4803,
0.4557

■ 78.9439, 0.2837,
0.3058

■ 34.5828, 0.4821,
0.4554

■ 82.4053, 0.2840,
0.3122

■ 85.9836, 0.2844,
0.3186

Harmonies

Analogous

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



52.8414, 0.3745, 0.3625



52.8414, 0.3605, 0.3804



52.8414, 0.3339, 0.3847

Triad

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



52.8414, 0.3605, 0.3804



52.8414, 0.2576, 0.3158



52.8414, 0.3207, 0.2909

Complementary

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



52.8414, 0.3605, 0.3804



38.2365, 0.2659, 0.2716

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.



52.8414, 0.2896, 0.2790



52.8414, 0.3605, 0.3804



52.8414, 0.2544, 0.2916

Square

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



52.8414, 0.3605, 0.3804



52.8414, 0.2748, 0.3458



52.8414, 0.2658, 0.2788



52.8414, 0.3510, 0.3119

Rectangle

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



52.8414, 0.3605, 0.3804



52.8414, 0.3130, 0.3780



52.8414, 0.2658, 0.2788



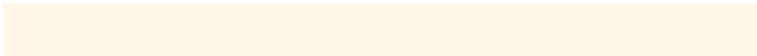
52.8414, 0.3100, 0.2858

Sweetspot

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



52.8438, 0.3605, 0.3804



94.4525, 0.3268, 0.3449



37.6896, 0.3560, 0.3069



20.0311, 0.3292, 0.3476



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.



52.8438, 0.3605, 0.3804



80.6692, 0.3719, 0.3916



59.0710, 0.3456, 0.4017



13.1966, 0.3273, 0.3455



21.7166, 0.4810, 0.4563



1.3468, 0.4671, 0.4673

Inverse Universe

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



38.2365, 0.2659, 0.2716



53.8686, 0.2550, 0.2572



33.6070, 0.2733, 0.2496



11.9660, 0.2982, 0.3120



5.0024, 0.1606, 0.0983



0.4164, 0.1710, 0.1355

Previews

White Background



This preview shows how the Yxy color 52.8414, 0.3605, 0.3804 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 52.8414, 0.3605, 0.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

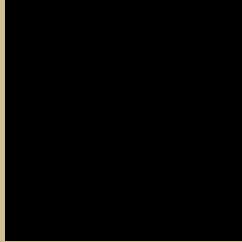
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8414, 0.3605, 0.3804

Background



This preview shows how black text looks on a background with the Yxy color 52.8414, 0.3605, 0.3804.



This preview shows how white text looks on a background with the Yxy color 52.8414, 0.3605, 0.3804.

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

52.8414, 0.3605, 0.3804

Protanopia

52.8483, 0.3575, 0.3821

Deuteranopia

52.9075, 0.3769, 0.3699



Tritanopia

52.7006, 0.3262, 0.3115

Trichromacy



Original Color

52.8414, 0.3605, 0.3804

Protanomaly

52.9910, 0.3584, 0.3819

Deuteranomaly

52.8027, 0.3708, 0.3730

Tritanomaly

52.8739, 0.3387, 0.3362

Monochromacy



Original Color

52.8414, 0.3605, 0.3804

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.2665, 0.3293, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8414, 0.3605, 0.3804 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(208, 191, 149)` looks like.

```
.text, #text, p{  
    color:rgb(208, 191, 149)  
}
```

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(208, 191, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 191, 149) }
```

Border

The CSS property to change the border of an element to Yxy 52.8414, 0.3605, 0.3804 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(208, 191, 149) }
```

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

```
.border{ border-color:rgb(208, 191, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 191, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 191, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 191, 149);  
box-shadow:4px 4px 4px 4px rgb(208, 191,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8414, 0.3605, 0.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 191, 149) }
```

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

```
.background{ background-color: rgb(208,  
191, 149) }
```

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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