

Converting Colors

$Yxy(52.8380, 0.3611, 0.3758)$

Have a look what the booklet for
Yxy(52.8380, 0.3611, 0.3758)
contains.

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Color

Yxy(52.9102, 0.3618, 0.3764)

Conversions

Conversions Part 1

Format	Color
Hex	D3BE97
RGB	211, 190, 151
RGB Percent	83%, 75%, 59%
CMY	0.1726, 0.2548, 0.4079
CMYK	0.00, 0.10, 0.28, 0.17
HSL	39°, 41%, 71%
HSV	39°, 28%, 83%
XYZ	50.8579, 52.9102, 36.8010
YIQ	191.8330, 25.0350, -7.6770

Conversions

Conversions Part 2

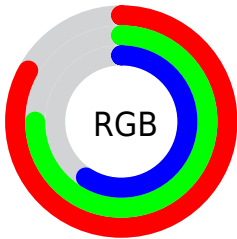
Format	Color
R_{YB}	183, 211, 151
Decimal	13876887
CIE Lab	77.82, 1.52, 22.45
CIE LCh	78, 22.499, 86.132
Yxy	52.9102, 0.3618, 0.3764
Android (android.graphics.Color)	4292066967 (0xFFD3BE97)
YUV	191.8330, -20.1307, 16.8095
Hunter-Lab	72.7394, -2.4904, 20.9210

Details

The Yxy color **52.9102, 0.3618, 0.3764** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.7646, 0.2663, 0.2765**, and the grayscale version is **52.7177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5793, 0.3440, 0.3697**, and **25.8793, 0.3749, 0.3887** is the 20% darker color. If you saturate the color by 10%, you get **49.1736, 0.3820, 0.3935**, and if you desaturate by 10%, it is **56.9359, 0.3430, 0.3592**.

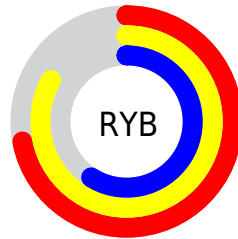
Distribution



Red (83%)

Green (75%)

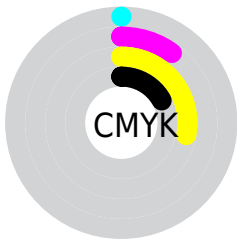
Blue (59%)



Red (72%)

Yellow (83%)

Blue (59%)

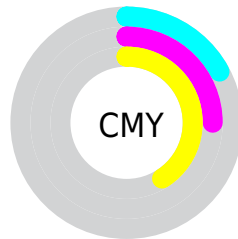


Cyan (0%)

Magenta (10%)

Yellow (28%)

Black (17%)



Cyan (17%)


Magenta (25%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9102, 0.3618, 0.3764 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 52.9102, 0.3618, 0.3764 by changing the saturation by 10% instead.

 52.9102, 0.3618,
0.3764

 52.9102, 0.3618,
0.3764

397.9405, 0.3379,
0.3534

 37.7311, 0.3675,
0.3819


 94.4722, 0.3533,
0.3682

 25.7740, 0.3748,
0.3887


 121.6239, 0.3500,
0.3651

 16.6547, 0.3841,
0.3975

153.5352, 0.3472,
0.3625

 9.9886, 0.3966,
0.4092

190.5906, 0.3448,
0.3602

 5.3914, 0.4140,
0.4252

233.1745, 0.3428,
0.3582

 2.4787, 0.4428,
0.4517

281.6711, 0.3409,

 0.8659, 0.4983,

0.3564

0.5017

336.4650, 0.3393,
0.3548

0.0000, 0.0000,
0.0000

52.9102, 0.3618,
0.3764

52.9102, 0.3618,
0.3764

49.1736, 0.3820,
0.3935

56.9359, 0.3430,
0.3592

45.7100, 0.4033,
0.4097

61.2517, 0.3259,
0.3425

42.5121, 0.4249,
0.4242

65.8681, 0.3104,
0.3266

39.5695, 0.4461,
0.4356

70.7926, 0.2966,
0.3116

36.8708, 0.4656,
0.4430

75.9373, 0.2851,
0.2993

■ 34.4027, 0.4826,
0.4454

■ 80.0544, 0.2855,
0.3072

■ 32.1464, 0.4964,
0.4430

■ 84.3463, 0.2859,
0.3150

■ 31.8096, 0.4985,
0.4424

■ 88.8150, 0.2863,
0.3227

■ 92.5861, 0.2866,
0.3289

Harmonies

Analogous

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



52.9102, 0.3727, 0.3578



52.9102, 0.3618, 0.3764



52.9102, 0.3378, 0.3828

Triad

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



52.9102, 0.3618, 0.3764



52.9102, 0.2615, 0.3209



52.9102, 0.3154, 0.2898

Complementary

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



52.9102, 0.3618, 0.3764



40.7646, 0.2663, 0.2765

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.



52.9102, 0.2861, 0.2800



52.9102, 0.3618, 0.3764



52.9102, 0.2561, 0.2962

Square

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



52.9102, 0.3618, 0.3764



52.9102, 0.2801, 0.3497



52.9102, 0.2649, 0.2819



52.9102, 0.3452, 0.3089

Rectangle

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



52.9102, 0.3618, 0.3764



52.9102, 0.3179, 0.3782



52.9102, 0.2649, 0.2819



52.9102, 0.3052, 0.2853

Sweetspot

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



52.9126, 0.3618, 0.3764



93.5984, 0.3269, 0.3436



38.9506, 0.3531, 0.3032



19.8201, 0.3294, 0.3460



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.



52.9126, 0.3618, 0.3764



77.7880, 0.3736, 0.3866



61.3668, 0.3481, 0.4013



13.0732, 0.3275, 0.3441



19.3993, 0.4970, 0.4436



1.2304, 0.4792, 0.4577

Inverse Universe

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



40.7646, 0.2663, 0.2765



56.2397, 0.2558, 0.2635



34.3004, 0.2706, 0.2488



12.0838, 0.2982, 0.3135



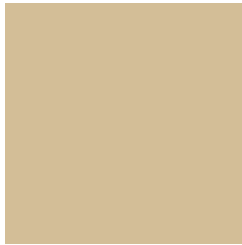
5.9471, 0.1648, 0.1133



0.4798, 0.1753, 0.1509

Previews

White Background



This preview shows how the Yxy color 52.9102, 0.3618, 0.3764 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 52.9102, 0.3618, 0.3764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

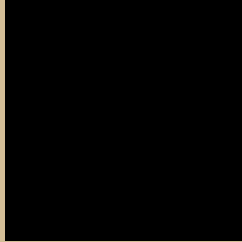
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9102, 0.3618, 0.3764

Background



This preview shows how black text looks on a background with the Yxy color 52.9102, 0.3618, 0.3764.



This preview shows how white text looks on a background with the Yxy color 52.9102, 0.3618, 0.3764.

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

52.9102, 0.3618, 0.3764

Protanopia

52.9454, 0.3551, 0.3783

Deuteranopia

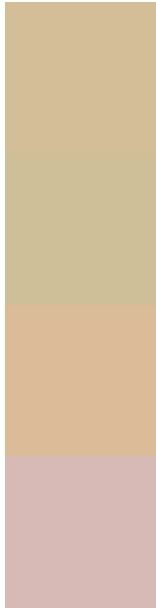
52.9725, 0.3752, 0.3676



Tritanopia

53.1099, 0.3295, 0.3128

Trichromacy



Original Color

52.9102, 0.3618, 0.3764

Protanomaly

52.7940, 0.3571, 0.3769

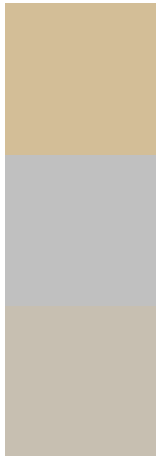
Deuteranomaly

53.0233, 0.3700, 0.3705

Tritanomaly

52.9011, 0.3415, 0.3350

Monochromacy



Original Color

52.9102, 0.3618, 0.3764

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.5780, 0.3302, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9102, 0.3618, 0.3764 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(211, 190, 151)` looks like.

```
.text, #text, p{  
    color:rgb(211, 190, 151)  
}
```

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(211, 190, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 190, 151) }
```

Border

The CSS property to change the border of an element to Yxy 52.9102, 0.3618, 0.3764 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(211, 190, 151) }
```

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

```
.border{ border-color:rgb(211, 190, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 190, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 190, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 190, 151);  
box-shadow:4px 4px 4px 4px rgb(211, 190,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9102, 0.3618, 0.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 190, 151) }
```

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

```
.background{ background-color: rgb(211,  
190, 151) }
```

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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