

Converting Colors

$Yxy(52.7718, 0.3524, 0.3766)$

Have a look what the booklet for
Yxy(52.7718, 0.3524, 0.3766)
contains.

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Color

Yxy(52.7289, 0.3517, 0.3761)

Conversions

Conversions Part 1

Format	Color
Hex	CBC09A
RGB	203, 192, 154
RGB Percent	80%, 75%, 60%
CMY	0.2040, 0.2470, 0.3960
CMYK	0.00, 0.05, 0.24, 0.20
HSL	47°, 32%, 70%
HSV	47°, 24%, 80%
XYZ	49.3080, 52.7289, 38.1622
YIQ	190.9570, 18.7540, -9.4860

Conversions

Conversions Part 2

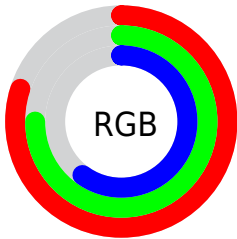
Format	Color
RYB	168, 203, 154
Decimal	13353114
CIELab	77.71, -2.19, 20.57
CIELCh	78, 20.681, 96.067
Yxy	52.7289, 0.3517, 0.3761
Android (android.graphics.Color)	4291543194 (0xFFCBC09A)
YUV	190.9570, -18.2198, 10.5617
Hunter-Lab	72.6147, -5.8676, 19.6708

Details

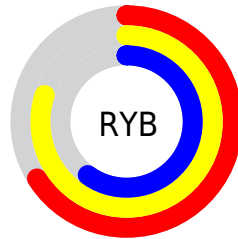
The Yxy color **52.7289, 0.3517, 0.3761** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.0917, 0.2732, 0.2770**, and the grayscale version is **52.1743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9983, 0.3411, 0.3675**, and **25.7404, 0.3611, 0.3890** is the 20% darker color. If you saturate the color by 10%, you get **50.1445, 0.3695, 0.3961**, and if you desaturate by 10%, it is **55.4941, 0.3347, 0.3561**.

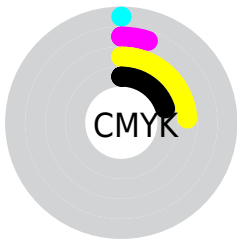
Distribution



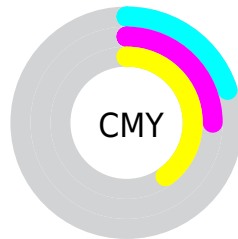
- Red (80%)
- Green (75%)
- Blue (60%)



- Red (66%)
- Yellow (80%)
- Blue (60%)



- Cyan (0%)
- Magenta (5%)
- Yellow (24%)
- Black (20%)




- Cyan (20%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7289, 0.3517, 0.3761 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 52.7289, 0.3517, 0.3761 by changing the saturation by 10% instead.

 52.7289, 0.3517,
0.3761


 52.7289, 0.3517,
0.3761

397.2442, 0.3327,
0.3530

 37.5864, 0.3562,
0.3817


 94.2053, 0.3449,
0.3678

 25.6618, 0.3619,
0.3888


 121.3080, 0.3424,
0.3647

 16.5708, 0.3693,
0.3980


153.1663, 0.3402,
0.3620

 9.9290, 0.3792,
0.4104

190.1644, 0.3383,
0.3597

 5.3519, 0.3928,
0.4280

232.6869, 0.3366,
0.3577

 2.4552, 0.4143,
0.4561

281.1181, 0.3352,

 0.8541, 0.4703,

0.3559

0.5297

335.8424, 0.3339,
0.3544

0.0000, 0.0000,
0.0000

52.7289, 0.3517,
0.3761

52.7289, 0.3517,
0.3761

50.1445, 0.3695,
0.3961

55.4941, 0.3347,
0.3561

47.7275, 0.3877,
0.4154

58.4390, 0.3189,
0.3367

45.4735, 0.4057,
0.4331

61.5713, 0.3043,
0.3183

43.3751, 0.4228,
0.4482

64.8964, 0.2910,
0.3010

41.4238, 0.4381,
0.4595

68.3859, 0.2793,
0.2854

■ 39.6104, 0.4510,
0.4665

■ 70.7307, 0.2796,
0.2905

■ 37.9232, 0.4609,
0.4687

■ 73.1402, 0.2799,
0.2955

■ 36.9776, 0.4657,
0.4684

■ 75.6152, 0.2803,
0.3005

■ 78.1560, 0.2806,
0.3055

Harmonies

Analogous

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



52.7289, 0.3662, 0.3622



52.7289, 0.3517, 0.3761



52.7289, 0.3270, 0.3771

Triad

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



52.7289, 0.3517, 0.3761



52.7289, 0.2624, 0.3134



52.7289, 0.3247, 0.2978

Complementary

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



52.7289, 0.3517, 0.3761



38.0917, 0.2732, 0.2770

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.



52.7289, 0.2967, 0.2856



52.7289, 0.3517, 0.3761



52.7289, 0.2617, 0.2933

Square

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



52.7289, 0.3517, 0.3761



52.7289, 0.2758, 0.3394



52.7289, 0.2740, 0.2836



52.7289, 0.3504, 0.3176

Rectangle

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



52.7289, 0.3517, 0.3761



52.7289, 0.3083, 0.3695



52.7289, 0.2740, 0.2836



52.7289, 0.3152, 0.2927

Sweetspot

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



52.7313, 0.3517, 0.3761



96.3781, 0.3235, 0.3424



38.5467, 0.3510, 0.3145



20.5636, 0.3244, 0.3436



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.



52.7313, 0.3517, 0.3761



85.9994, 0.3610, 0.3867



55.9725, 0.3380, 0.3908



12.6537, 0.3271, 0.3469



23.6794, 0.4649, 0.4690



1.3293, 0.4543, 0.4775

Inverse Universe

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



38.0917, 0.2732, 0.2770



57.2634, 0.2635, 0.2637



35.6555, 0.2830, 0.2635



11.2449, 0.2983, 0.3105



4.0755, 0.1570, 0.0850



0.3276, 0.1674, 0.1227

Previews

White Background



This preview shows how the Yxy color 52.7289, 0.3517, 0.3761 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 52.7289, 0.3517, 0.3761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

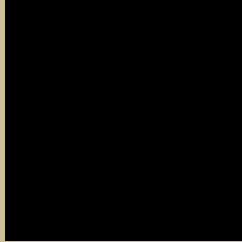
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

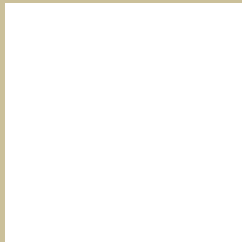
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7289, 0.3517, 0.3761

Background



This preview shows how black text looks on a background with the Yxy color 52.7289, 0.3517, 0.3761.



This preview shows how white text looks on a background with the Yxy color 52.7289, 0.3517, 0.3761.

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

52.7289, 0.3517, 0.3761

Protanopia

52.8697, 0.3526, 0.3760

Deuteranopia

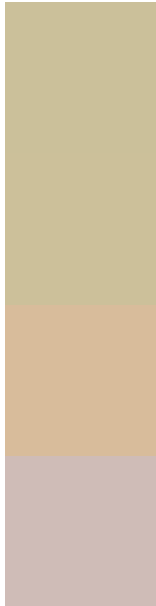
52.7862, 0.3700, 0.3631



Tritanopia

52.8433, 0.3210, 0.3125

Trichromacy



Original Color

52.7289, 0.3517, 0.3761

Protanomaly

52.8697, 0.3526, 0.3760

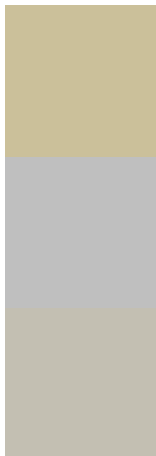
Deuteranomaly

52.9319, 0.3636, 0.3685

Tritanomaly

52.6507, 0.3326, 0.3351

Monochromacy



Original Color

52.7289, 0.3517, 0.3761

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.0781, 0.3260, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7289, 0.3517, 0.3761 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(203, 192, 154)` looks like.

```
.text, #text, p{  
    color:rgb(203, 192, 154)  
}
```

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(203, 192, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 192, 154) }
```

Border

The CSS property to change the border of an element to Yxy 52.7289, 0.3517, 0.3761 is called "border". The border property can be set on classes, ids or directly on the HTML element.

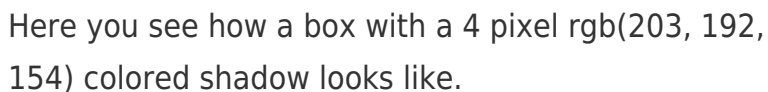
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 192, 154) }
```

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

```
.border{ border-color:rgb(203, 192, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 192, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 192, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 192, 154);  
box-shadow:4px 4px 4px 4px rgb(203, 192,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7289, 0.3517, 0.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 192, 154) }
```

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

```
.background{ background-color: rgb(203,  
192, 154) }
```

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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