

Converting Colors

Yxy(52.8881, 0.3695, 0.3756)

Have a look what the booklet for
Yxy(52.8881, 0.3695, 0.3756)
contains.

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Color

Yxy(52.8881, 0.3695, 0.3756)

Conversions

Conversions Part 1

Format	Color
Hex	D9BC95
RGB	217, 188, 149
RGB Percent	85%, 74%, 58%
CMY	0.1489, 0.2628, 0.4158
CMYK	0.00, 0.13, 0.31, 0.15
HSL	34°, 47%, 72%
HSV	34°, 31%, 85%
XYZ	52.0292, 52.8881, 35.8924
YIQ	192.2250, 29.8030, -5.9810

Conversions

Conversions Part 2

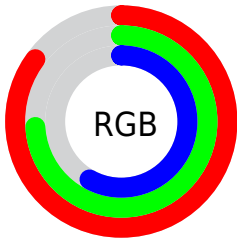
Format	Color
R _Y B	200, 217, 149
Decimal	14269589
CIE Lab	77.81, 4.67, 23.58
CIE LCh	78, 24.038, 78.806
Yxy	52.8881, 0.3695, 0.3756
Android (android.graphics.Color)	4292459669 (0xFFD9BC95)
YUV	192.2250, -21.3099, 21.7277
Hunter-Lab	72.7242, 0.4371, 21.6449

Details

The Yxy color **52.8881, 0.3695, 0.3756** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.2481, 0.2619, 0.2773**, and the grayscale version is **52.9668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2732, 0.3456, 0.3698**, and **25.7869, 0.3842, 0.3875** is the 20% darker color. If you saturate the color by 10%, you get **48.4302, 0.3917, 0.3908**, and if you desaturate by 10%, it is **57.7340, 0.3492, 0.3602**.

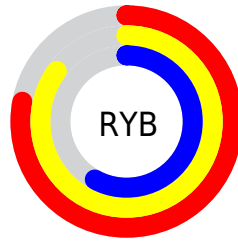
Distribution



Red (85%)

Green (74%)

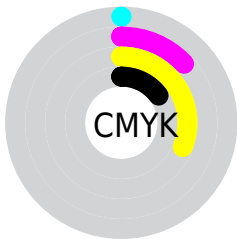
Blue (58%)



Red (78%)

Yellow (85%)

Blue (58%)

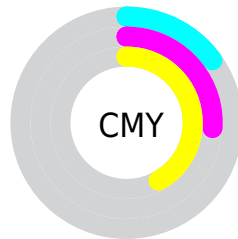


Cyan (0%)

Magenta (13%)

Yellow (31%)

Black (15%)



Cyan (15%)


Magenta (26%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8881, 0.3695, 0.3756 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 52.8881, 0.3695, 0.3756 by changing the saturation by 10% instead.


 52.8881, 0.3695,
0.3756

 52.8881, 0.3695,
0.3756

397.8557, 0.3417,
0.3533

 37.7134, 0.3762,
0.3808


 94.4397, 0.3596,
0.3677

 25.7604, 0.3846,
0.3873


 121.5854, 0.3558,
0.3647

 16.6445, 0.3955,
0.3956


153.4903, 0.3526,
0.3621

 9.9813, 0.4100,
0.4064

190.5387, 0.3498,
0.3599

 5.3866, 0.4302,
0.4207

233.1150, 0.3474,
0.3579

 2.4758, 0.4652,
0.4453

281.6037, 0.3453,

 0.8645, 0.5207,

0.3562

0.4793

336.3891, 0.3434,
0.3546

0.0000, 0.0000,
0.0000

52.8881, 0.3695,
0.3756

52.8881, 0.3695,
0.3756

48.4302, 0.3917,
0.3908

57.7340, 0.3492,
0.3602

44.3410, 0.4153,
0.4049

62.9717, 0.3310,
0.3452

40.6103, 0.4398,
0.4170

68.6144, 0.3148,
0.3309

37.2242, 0.4640,
0.4259

74.6723, 0.3004,
0.3174

34.1674, 0.4866,
0.4302

80.9929, 0.2892,
0.3075

■ 31.4224, 0.5062,
0.4293

■ 86.4137, 0.2896,
0.3172

■ 29.2784, 0.5207,
0.4248

■ 92.1142, 0.2899,
0.3267

■ 93.4966, 0.2900,
0.3289

Harmonies

Analogous

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



52.8881, 0.3770, 0.3534



52.8881, 0.3695, 0.3756



52.8881, 0.3466, 0.3864

Triad

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



52.8881, 0.3695, 0.3756



52.8881, 0.2618, 0.3277



52.8881, 0.3075, 0.2837

Complementary

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



52.8881, 0.3695, 0.3756



43.2481, 0.2619, 0.2773

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.



52.8881, 0.2778, 0.2761



52.8881, 0.3695, 0.3756



52.8881, 0.2525, 0.2994

Square

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



52.8881, 0.3695, 0.3756



52.8881, 0.2844, 0.3583



52.8881, 0.2582, 0.2812



52.8881, 0.3401, 0.3019

Rectangle

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



52.8881, 0.3695, 0.3756



52.8881, 0.3261, 0.3845



52.8881, 0.2582, 0.2812



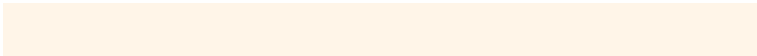
52.8881, 0.2968, 0.2798

Sweetspot

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



52.8905, 0.3695, 0.3756



92.5193, 0.3271, 0.3419



39.4796, 0.3530, 0.2937



19.5539, 0.3296, 0.3440



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.



52.8905, 0.3695, 0.3756



71.6495, 0.3848, 0.3863



65.8823, 0.3562, 0.4079



14.2847, 0.3277, 0.3424



17.9315, 0.5188, 0.4263



1.3313, 0.4982, 0.4426

Inverse Universe

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



43.2481, 0.2619, 0.2773



55.5523, 0.2500, 0.2635



33.3241, 0.2608, 0.2380



13.5261, 0.2982, 0.3152



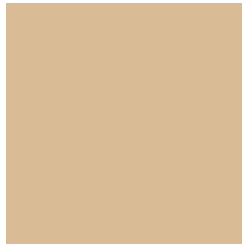
7.9289, 0.1709, 0.1351



0.6823, 0.1798, 0.1671

Previews

White Background



This preview shows how the Yxy color 52.8881, 0.3695, 0.3756 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 52.8881, 0.3695, 0.3756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

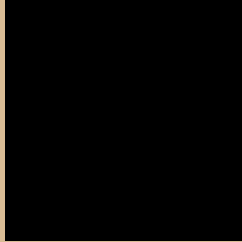
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8881, 0.3695, 0.3756

Background



This preview shows how black text looks on a background with the Yxy color 52.8881, 0.3695, 0.3756.



This preview shows how white text looks on a background with the Yxy color 52.8881, 0.3695, 0.3756.

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

52.8881, 0.3695, 0.3756

Protanopia

52.9128, 0.3559, 0.3796

Deuteranopia

52.9075, 0.3769, 0.3699



Tritanopia

52.9710, 0.3357, 0.3130

Trichromacy



Original Color

52.8881, 0.3695, 0.3756

Protanomaly

53.0189, 0.3605, 0.3790

Deuteranomaly

52.8494, 0.3738, 0.3714

Tritanomaly

52.7513, 0.3479, 0.3350

Monochromacy



Original Color

52.8881, 0.3695, 0.3756

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8137, 0.3327, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8881, 0.3695, 0.3756 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(217, 188, 149)` looks like.

```
.text, #text, p{  
  color:rgb(217, 188, 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(217, 188, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 188, 149) }
```

Border

The CSS property to change the border of an element to Yxy 52.8881, 0.3695, 0.3756 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(217, 188, 149) }
```

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

```
.border{ border-color:rgb(217, 188, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 188, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 188, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 188, 149);  
box-shadow:4px 4px 4px 4px rgb(217, 188,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8881, 0.3695, 0.3756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 188, 149) }
```

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

```
.background{ background-color: rgb(217,  
188, 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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