

Converting Colors

$Yxy(53.0999, 0.3905, 0.4162)$

Have a look what the booklet for
Yxy(53.0999, 0.3905, 0.4162)
contains.

Yxy(52.8658, 0.3901, 0.4155)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.8658, 0.3901, 0.4155)

Conversions

Conversions Part 1

Format	Color
Hex	D6BF76
RGB	214, 191, 118
RGB Percent	84%, 75%, 46%
CMY	0.1608, 0.2510, 0.5372
CMYK	0.00, 0.11, 0.45, 0.16
HSL	46°, 54%, 65%
HSV	46°, 45%, 84%
XYZ	49.6341, 52.8658, 24.7343
YIQ	189.5550, 37.1410, -17.8270

Conversions

Conversions Part 2

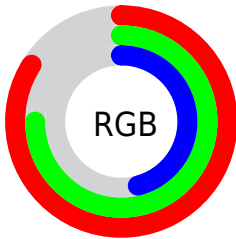
Format	Color
R _Y B	148, 214, 118
Decimal	14073718
CIE Lab	77.80, -1.65, 39.68
CIE LCh	78, 39.718, 92.383
Yxy	52.8658, 0.3901, 0.4155
Android (android.graphics.Color)	4292263798 (0xFFD6BF76)
YUV	189.5550, -35.2766, 21.4383
Hunter-Lab	72.7089, -5.3891, 30.7268

Details

The Yxy color **52.8658, 0.3901, 0.4155** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.7648, 0.2343, 0.2233**, and the grayscale version is **51.4164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7218, 0.3649, 0.4045**, and **25.7624, 0.4076, 0.4368** is the 20% darker color. If you saturate the color by 10%, you get **50.2180, 0.4085, 0.4328**, and if you desaturate by 10%, it is **55.7123, 0.3715, 0.3965**.

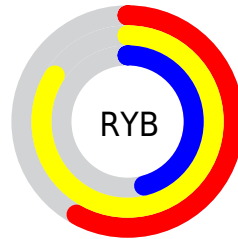
Distribution



Red (84%)

Green (75%)

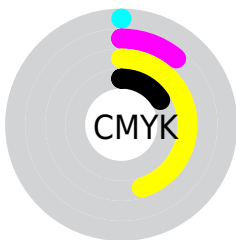
Blue (46%)



Red (58%)

Yellow (84%)

Blue (46%)

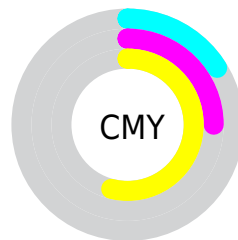


Cyan (0%)

Magenta (11%)

Yellow (45%)

Black (16%)



Cyan (16%)


Magenta (25%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8658, 0.3901, 0.4155 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 52.8658, 0.3901, 0.4155 by changing the saturation by 10% instead.

 52.8658, 0.3901,
0.4155


 52.8658, 0.3901,
0.4155


397.7700, 0.3533,
0.3741


 37.6956, 0.3984,
0.4250


 94.4069, 0.3773,
0.4010

 25.7466, 0.4085,
0.4366


 121.5466, 0.3723,
0.3954

 16.6341, 0.4209,
0.4509


 153.4449, 0.3680,
0.3906

 9.9740, 0.4359,
0.4686

190.4863, 0.3643,
0.3864

 5.3817, 0.4554,
0.4919

233.0551, 0.3611,
0.3827

 2.4729, 0.4788,
0.5212

281.5357, 0.3582,

 0.8630, 0.4747,

0.3795

0.5253

336.3126, 0.3556,
0.3766

0.0000, 0.0000,
0.0000

52.8658, 0.3901,
0.4155

52.8658, 0.3901,
0.4155

50.2180, 0.4085,
0.4328

55.7123, 0.3715,
0.3965

47.7527, 0.4261,
0.4473

58.7580, 0.3533,
0.3768

45.4628, 0.4418,
0.4581

62.0128, 0.3361,
0.3571

43.3371, 0.4550,
0.4644

65.4835, 0.3200,
0.3380

41.3622, 0.4652,
0.4658

69.1765, 0.3053,
0.3197

■ 40.3923, 0.4697,
0.4652

■ 73.0981, 0.2919,
0.3027

■ 76.4001, 0.2870,
0.2995

■ 79.2457, 0.2873,
0.3050

■ 82.1755, 0.2875,
0.3104

Harmonies

Analogous

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



52.8658, 0.4166, 0.3835



52.8658, 0.3901, 0.4155



52.8658, 0.3439, 0.4255

Triad

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



52.8658, 0.3901, 0.4155



52.8658, 0.2214, 0.3021



52.8658, 0.3277, 0.2684

Complementary

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



52.8658, 0.3901, 0.4155



27.7648, 0.2343, 0.2233

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.



52.8658, 0.2754, 0.2484



52.8658, 0.3901, 0.4155



52.8658, 0.2179, 0.2637

Square

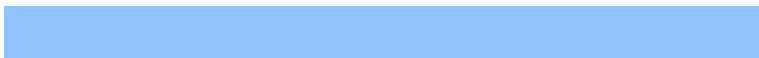
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.8658, 0.3901, 0.4155



52.8658, 0.2472, 0.3546



52.8658, 0.2367, 0.2460



52.8658, 0.3798, 0.3017

Rectangle

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



52.8658, 0.3901, 0.4155



52.8658, 0.3087, 0.4142



52.8658, 0.2367, 0.2460



52.8658, 0.3095, 0.2600

Sweetspot

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



52.8683, 0.3901, 0.4155



93.0819, 0.3333, 0.3538



29.2125, 0.4011, 0.2997



19.6839, 0.3370, 0.3581



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.



52.8683, 0.3901, 0.4155



74.7958, 0.4080, 0.4323



60.3513, 0.3593, 0.4466



13.9921, 0.3272, 0.3466



24.5823, 0.4688, 0.4660



1.6068, 0.4585, 0.4741

Inverse Universe

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



27.7648, 0.2343, 0.2233



32.9302, 0.2161, 0.1956



23.5700, 0.2483, 0.1965



12.4871, 0.2982, 0.3107



4.5163, 0.1577, 0.0876



0.4025, 0.1670, 0.1210

Previews

White Background



This preview shows how the Yxy color 52.8658, 0.3901, 0.4155 looks on a white background.

Color Contrast Check

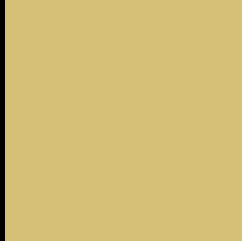
Large Text (above 18pt) WCAG AA × Fail

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 52.8658, 0.3901, 0.4155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

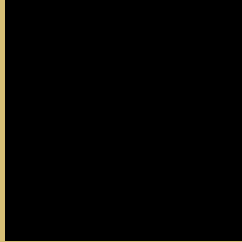
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8658, 0.3901, 0.4155

Background



This preview shows how black text looks on a background with the Yxy color 52.8658, 0.3901, 0.4155.

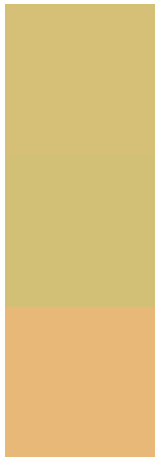


This preview shows how white text looks on a background with the Yxy color 52.8658, 0.3901, 0.4155.

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

52.8658, 0.3901, 0.4155

Protanopia

52.7328, 0.3853, 0.4167

Deuteranopia

52.7929, 0.4085, 0.4008



Tritanopia

52.9710, 0.3357, 0.3130

Trichromacy



Original Color

52.8658, 0.3901, 0.4155

Protanomaly

52.8801, 0.3862, 0.4164

Deuteranomaly

52.8801, 0.4013, 0.4070

Tritanomaly

52.5851, 0.3561, 0.3492

Monochromacy



Original Color

52.8658, 0.3901, 0.4155

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.6494, 0.3407, 0.3616

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8658, 0.3901, 0.4155 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, 191, 118)` looks like.

```
.text, #text, p{  
    color:rgb(214, 191, 118)  
}
```

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, 191, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 191, 118) }
```

Border

The CSS property to change the border of an element to Yxy 52.8658, 0.3901, 0.4155 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, 191, 118) }
```

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

```
.border{ border-color:rgb(214, 191, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 191, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 191, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 191, 118);  
box-shadow:4px 4px 4px 4px rgb(214, 191,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8658, 0.3901, 0.4155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 191, 118) }
```

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

```
.background{ background-color: rgb(214,  
191, 118) }
```

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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