

Converting Colors

$Y_{xy}(52.8165, 0.3790, 0.3973)$

Have a look what the booklet for
Yxy(52.8165, 0.3790, 0.3973)
contains.

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Color

Yxy(52.8165, 0.3790, 0.3973)

Conversions

Conversions Part 1

Format	Color
Hex	D6BE85
RGB	214, 190, 133
RGB Percent	84%, 75%, 52%
CMY	0.1607, 0.2549, 0.4783
CMYK	0.00, 0.11, 0.38, 0.16
HSL	42°, 50%, 68%
HSV	42°, 38%, 84%
XYZ	50.3837, 52.8165, 29.7384
YIQ	190.6780, 32.6010, -12.6390

Conversions

Conversions Part 2

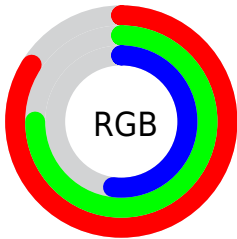
Format	Color
RYB	167, 214, 133
Decimal	14073477
CIELab	77.77, 0.49, 31.90
CIELCh	78, 31.908, 89.118
Yxy	52.8165, 0.3790, 0.3973
Android (android.graphics.Color)	4292263557 (0xFFD6BE85)
YUV	190.6780, -28.4353, 20.4534
Hunter-Lab	72.6750, -3.4316, 26.6112

Details

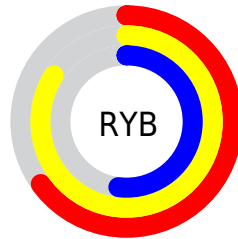
The Yxy color **52.8165, 0.3790, 0.3973** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.9741, 0.2487, 0.2493**, and the grayscale version is **52.0611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7594, 0.3553, 0.3877**, and **25.7850, 0.3953, 0.4142** is the 20% darker color. If you saturate the color by 10%, you get **49.5964, 0.3990, 0.4147**, and if you desaturate by 10%, it is **56.2818, 0.3597, 0.3790**.

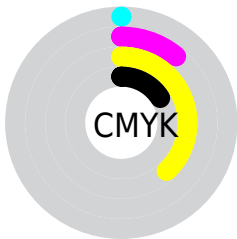
Distribution



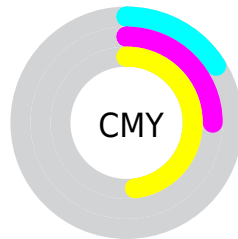
- Red (84%)
- Green (75%)
- Blue (52%)



- Red (65%)
- Yellow (84%)
- Blue (52%)



- Cyan (0%)
- Magenta (11%)
- Yellow (38%)
- Black (16%)





- Cyan (16%)
- Magenta (25%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8165, 0.3790, 0.3973 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 52.8165, 0.3790, 0.3973 by changing the saturation by 10% instead.


 52.8165, 0.3790,
0.3973

 52.8165, 0.3790,
0.3973


397.5807, 0.3470,
0.3644


 37.6563, 0.3865,
0.4050


 94.3343, 0.3677,
0.3857

 25.7160, 0.3958,
0.4145


 121.4607, 0.3634,
0.3813

 16.6113, 0.4075,
0.4264


 153.3446, 0.3597,
0.3774

 9.9578, 0.4226,
0.4418

190.3704, 0.3564,
0.3741

 5.3710, 0.4420,
0.4614

232.9225, 0.3536,
0.3712

 2.4665, 0.4898,
0.5102

281.3854, 0.3512,

 0.8598, 0.4909,

0.3687

0.5091

336.1433, 0.3490,
0.3664

0.0000, 0.0000,
0.0000

52.8165, 0.3790,
0.3973

52.8165, 0.3790,
0.3973

49.5964, 0.3990,
0.4147

56.2818, 0.3597,
0.3790

46.6052, 0.4189,
0.4303

59.9932, 0.3416,
0.3605

43.8357, 0.4381,
0.4429

63.9607, 0.3248,
0.3425

41.2771, 0.4555,
0.4515

68.1917, 0.3095,
0.3254

38.9168, 0.4702,
0.4553

72.6930, 0.2958,
0.3093

■ 36.7379, 0.4819,
0.4542

■ 77.0497, 0.2871,
0.3007

■ 36.2863, 0.4843,
0.4537

■ 80.6080, 0.2874,
0.3075

■ 84.2958, 0.2877,
0.3142

■ 88.1145, 0.2880,
0.3208

Harmonies

Analogous

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



52.8165, 0.3974, 0.3711



52.8165, 0.3790, 0.3973



52.8165, 0.3432, 0.4061

Triad

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



52.8165, 0.3790, 0.3973



52.8165, 0.2397, 0.3124



52.8165, 0.3204, 0.2769

Complementary

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



52.8165, 0.3790, 0.3973



33.9741, 0.2487, 0.2493

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.



52.8165, 0.2787, 0.2618



52.8165, 0.3790, 0.3973



52.8165, 0.2345, 0.2793

Square

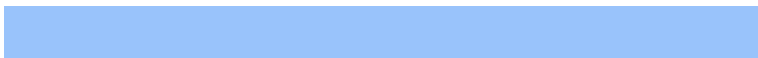
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.8165, 0.3790, 0.3973



52.8165, 0.2632, 0.3544



52.8165, 0.2482, 0.2621



52.8165, 0.3626, 0.3037

Rectangle

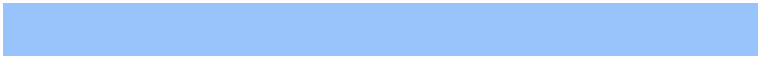
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.8165, 0.3790, 0.3973



52.8165, 0.3149, 0.3985



52.8165, 0.2482, 0.2621



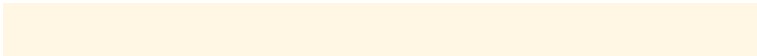
52.8165, 0.3058, 0.2704

Sweetspot

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



52.8189, 0.3790, 0.3973



93.1300, 0.3301, 0.3483



33.5265, 0.3770, 0.2992



19.7596, 0.3324, 0.3508



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.



52.8189, 0.3790, 0.3973



74.8573, 0.3941, 0.4107



61.7772, 0.3561, 0.4269



13.8690, 0.3274, 0.3453



22.1177, 0.4831, 0.4546



1.4749, 0.4695, 0.4654

Inverse Universe

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



33.9741, 0.2487, 0.2493



43.1980, 0.2347, 0.2299



28.0490, 0.2569, 0.2186



12.6030, 0.2982, 0.3121



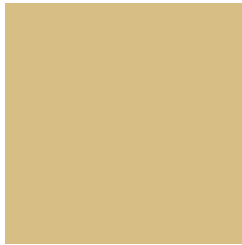
5.2733, 0.1611, 0.0999



0.4612, 0.1708, 0.1347

Previews

White Background



This preview shows how the Yxy color 52.8165, 0.3790, 0.3973 looks on a white background.

Color Contrast Check

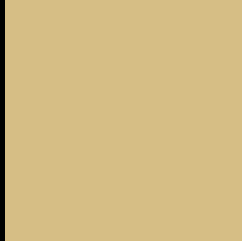
Large Text (above 18pt) WCAG AA × Fail

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 52.8165, 0.3790, 0.3973 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 52.8165, 0.3790, 0.3973

Background



This preview shows how black text looks on a background with the Yxy color 52.8165, 0.3790, 0.3973.



This preview shows how white text looks on a background with the Yxy color 52.8165, 0.3790, 0.3973.

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

52.8165, 0.3790, 0.3973

Protanopia

52.8304, 0.3720, 0.3998

Deuteranopia

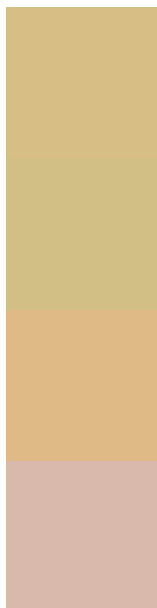
52.6602, 0.3944, 0.3863



Tritanopia

52.8136, 0.3348, 0.3129

Trichromacy



Original Color

52.8165, 0.3790, 0.3973

Protanomaly

52.6845, 0.3742, 0.3982

Deuteranomaly

52.6863, 0.3890, 0.3896

Tritanomaly

52.6205, 0.3510, 0.3433

Monochromacy



Original Color

52.8165, 0.3790, 0.3973

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.3060, 0.3357, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8165, 0.3790, 0.3973 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, 190, 133)` looks like.

```
.text, #text, p{  
    color:rgb(214, 190, 133)  
}
```

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, 190, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 190, 133) }
```

Border

The CSS property to change the border of an element to Yxy 52.8165, 0.3790, 0.3973 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, 190, 133) }
```

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

```
.border{ border-color:rgb(214, 190, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 190, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 190, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 190, 133); box-shadow:4px 4px 4px 4px rgb(214, 190, 133) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8165, 0.3790, 0.3973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 190, 133) }
```

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

```
.background{ background-color: rgb(214,  
190, 133) }
```

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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