

Converting Colors

Yxy(52.9925, 0.3413, 0.3717)

Have a look what the booklet for
Yxy(52.9925, 0.3413, 0.3717)
contains.

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Color

Yxy(52.9920, 0.3413, 0.3717)

Conversions

Conversions Part 1

Format	Color
Hex	C5C2A0
RGB	197, 194, 160
RGB Percent	77%, 76%, 63%
CMY	0.2275, 0.2392, 0.3726
CMYK	0.00, 0.02, 0.19, 0.23
HSL	55°, 24%, 70%
HSV	55°, 19%, 77%
XYZ	48.6580, 52.9920, 40.9166
YIQ	191.0210, 12.7020, -9.9380

Conversions

Conversions Part 2

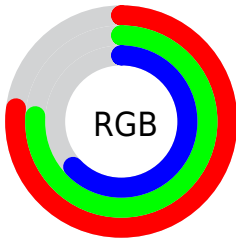
Format	Color
RYB	163, 197, 160
Decimal	12960416
CIELab	77.87, -4.63, 17.52
CIELCh	78, 18.121, 104.803
Yxy	52.9920, 0.3413, 0.3717
Android (android.graphics.Color)	4291150496 (0xFFC5C2A0)
YUV	191.0210, -15.2934, 5.2436
Hunter-Lab	72.7956, -8.0795, 17.6315

Details

The Yxy color **52.9920, 0.3413, 0.3717** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.6821, 0.2822, 0.2824**, and the grayscale version is **52.1972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3483, 0.3364, 0.3635**, and **25.6785, 0.3494, 0.3833** is the 20% darker color. If you saturate the color by 10%, you get **51.6592, 0.3572, 0.3949**, and if you desaturate by 10%, it is **54.4463, 0.3258, 0.3487**.

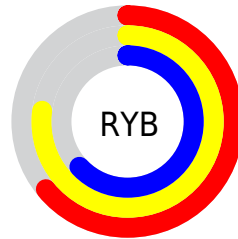
Distribution



Red (77%)

Green (76%)

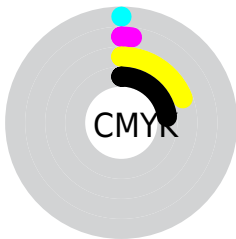
Blue (63%)



Red (64%)

Yellow (77%)

Blue (63%)

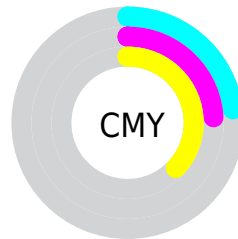


Cyan (0%)

Magenta (2%)

Yellow (19%)

Black (23%)



Cyan (23%)


Magenta (24%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9920, 0.3413, 0.3717 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 52.9920, 0.3413, 0.3717 by changing the saturation by 10% instead.

 52.9920, 0.3413,
0.3717


 52.9920, 0.3413,
0.3717

398.2544, 0.3275,
0.3506

 37.7964, 0.3446,
0.3769


 94.5926, 0.3364,
0.3641

 25.8247, 0.3488,
0.3834


 121.7664, 0.3345,
0.3612

 16.6925, 0.3541,
0.3920


153.7016, 0.3329,
0.3588

 10.0155, 0.3613,
0.4038


190.7828, 0.3315,
0.3567

 5.4093, 0.3713,
0.4208

233.3943, 0.3303,
0.3549

 2.4893, 0.3859,
0.4472

281.9205, 0.3292,

 0.8713, 0.4508,

0.3533

0.5492

336.7457, 0.3283,
0.3519

0.0000, 0.0000,
0.0000

52.9920, 0.3413,
0.3717

52.9920, 0.3413,
0.3717

51.6592, 0.3572,
0.3949

54.4463, 0.3258,
0.3487

50.4355, 0.3729,
0.4175

56.0197, 0.3109,
0.3263

49.3178, 0.3879,
0.4386

57.7192, 0.2970,
0.3051

48.3001, 0.4017,
0.4572

59.5490, 0.2841,
0.2853

47.3755, 0.4134,
0.4724

61.2870, 0.2743,
0.2704

■ 46.5364, 0.4228,
0.4836

■ 62.0318, 0.2745,
0.2722

■ 45.7738, 0.4295,
0.4903

■ 62.7842, 0.2746,
0.2740

■ 45.0728, 0.4337,
0.4932

■ 63.5442, 0.2748,
0.2758

■ 44.9889, 0.4342,
0.4935

■ 64.3118, 0.2749,
0.2776

Harmonies

Analogous

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



52.9920, 0.3570, 0.3627



52.9920, 0.3413, 0.3717



52.9920, 0.3182, 0.3686

Triad

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



52.9920, 0.3413, 0.3717



52.9920, 0.2671, 0.3096



52.9920, 0.3303, 0.3061

Complementary

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



52.9920, 0.3413, 0.3717



37.6821, 0.2822, 0.2824

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.



52.9920, 0.3057, 0.2930



52.9920, 0.3413, 0.3717



52.9920, 0.2699, 0.2942

Square

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



52.9920, 0.3413, 0.3717



52.9920, 0.2758, 0.3314



52.9920, 0.2838, 0.2886



52.9920, 0.3507, 0.3250

Rectangle

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



52.9920, 0.3413, 0.3717



52.9920, 0.3020, 0.3597



52.9920, 0.2838, 0.2886



52.9920, 0.3222, 0.3009

Sweetspot

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



52.9944, 0.3413, 0.3717



98.2730, 0.3217, 0.3426



39.6528, 0.3460, 0.3251



20.9953, 0.3227, 0.3441



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.



52.9944, 0.3413, 0.3717



93.8169, 0.3485, 0.3823



52.3532, 0.3278, 0.3772



12.2658, 0.3267, 0.3500



29.6558, 0.4339, 0.4936



1.4484, 0.4306, 0.4963

Inverse Universe

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



37.6821, 0.2822, 0.2824



60.8011, 0.2738, 0.2694



38.3292, 0.2954, 0.2801



10.4219, 0.2983, 0.3071



2.9416, 0.1516, 0.0659



0.1877, 0.1571, 0.0855

Previews

White Background



This preview shows how the Yxy color 52.9920, 0.3413, 0.3717 looks on a white background.

Color Contrast Check

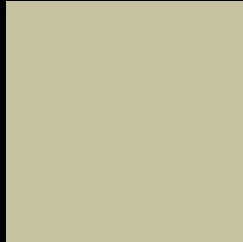
Large Text (above 18pt) WCAG AA × Fail

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 52.9920, 0.3413, 0.3717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

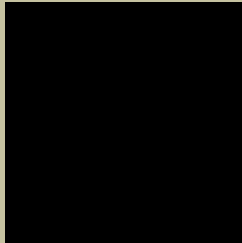
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

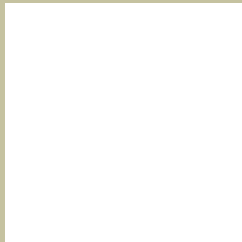
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9920, 0.3413, 0.3717

Background



This preview shows how black text looks on a background with the Yxy color 52.9920, 0.3413, 0.3717.



This preview shows how white text looks on a background with the Yxy color 52.9920, 0.3413, 0.3717.

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

52.9920, 0.3413, 0.3717

Protanopia

52.8990, 0.3477, 0.3699

Deuteranopia

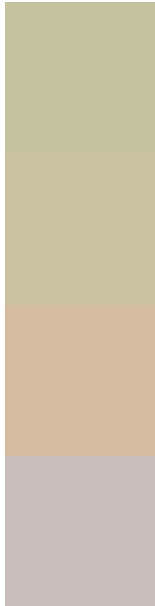
52.8362, 0.3639, 0.3561



Tritanopia

52.9747, 0.3136, 0.3111

Trichromacy



Original Color

52.9920, 0.3413, 0.3717

Protanomaly

53.0606, 0.3458, 0.3713

Deuteranomaly

52.6858, 0.3559, 0.3616

Tritanomaly

52.8323, 0.3241, 0.3327

Monochromacy



Original Color

52.9920, 0.3413, 0.3717

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.3320, 0.3227, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9920, 0.3413, 0.3717 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(197, 194, 160)` looks like.

```
.text, #text, p{  
    color:rgb(197, 194, 160)  
}
```

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(197, 194, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 194, 160) }
```

Border

The CSS property to change the border of an element to Yxy 52.9920, 0.3413, 0.3717 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(197, 194, 160) }
```

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

```
.border{ border-color:rgb(197, 194, 160) }
```

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

Here you see how a box with a 4 pixel rgb(197, 194, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 194, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 194, 160);  
box-shadow:4px 4px 4px 4px rgb(197, 194,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9920, 0.3413, 0.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 194, 160) }
```

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

```
.background{ background-color: rgb(197,  
194, 160) }
```

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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