

Converting Colors

$Yxy(52.2428, 0.3527, 0.3919)$

Have a look what the booklet for
Yxy(52.2428, 0.3527, 0.3919)
contains.

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Color

Yxy(52.3330, 0.3529, 0.3922)

Conversions

Conversions Part 1

Format	Color
Hex	C4C290
RGB	196, 194, 144
RGB Percent	77%, 76%, 56%
CMY	0.2314, 0.2392, 0.4352
CMYK	0.00, 0.01, 0.27, 0.23
HSL	58°, 31%, 67%
HSV	58°, 27%, 77%
XYZ	47.0890, 52.3330, 34.0124
YIQ	188.8980, 17.2420, -15.1260

Conversions

Conversions Part 2

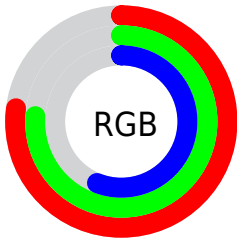
Format	Color
R _Y B	146, 196, 144
Decimal	12894864
CIE Lab	77.48, -7.29, 25.47
CIE LCh	77, 26.492, 105.977
Yxy	52.3330, 0.3529, 0.3922
Android (android.graphics.Color)	4291084944 (0xFFC4C290)
YUV	188.8980, -22.1347, 6.2285
Hunter-Lab	72.3416, -10.4074, 22.7630

Details

The Yxy color $52.3330, 0.3529, 0.3922$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $30.4729, 0.2676, 0.2568$, and the grayscale version is $50.9500, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.3311, 0.3462, 0.3807$, and $25.5908, 0.3634, 0.4105$ is the 20% darker color. If you saturate the color by 10%, you get $51.4560, 0.3681, 0.4158$, and if you desaturate by 10%, it is $53.3204, 0.3375, 0.3681$.

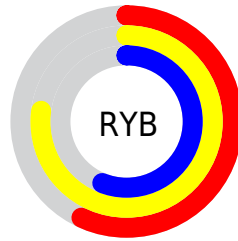
Distribution



Red (77%)

Green (76%)

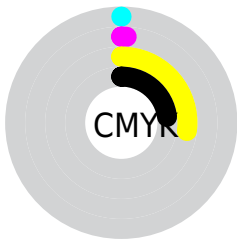
Blue (56%)



Red (57%)

Yellow (77%)

Blue (56%)

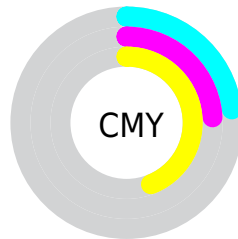


Cyan (0%)

Magenta (1%)

Yellow (27%)

Black (23%)



Cyan (23%)


Magenta (24%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3330, 0.3529, 0.3922 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 52.3330, 0.3529, 0.3922 by changing the saturation by 10% instead.


 52.3330, 0.3529,
0.3922

 52.3330, 0.3529,
0.3922


395.7208, 0.3336,
0.3609

 37.2706, 0.3574,
0.3999


 93.6222, 0.3461,
0.3809

 25.4171, 0.3630,
0.4096


 120.6177, 0.3435,
0.3767

 16.3880, 0.3701,
0.4222


152.3597, 0.3413,
0.3730

 9.7992, 0.3792,
0.4394

189.2326, 0.3393,
0.3699

 5.2660, 0.3912,
0.4636

231.6207, 0.3376,
0.3672

 2.4042, 0.4174,
0.5130

279.9086, 0.3361,

 0.8280, 0.4238,

0.3649

0.5762

334.4805, 0.3348,
0.3628

0.0000, 0.0000,
0.0000

52.3330, 0.3529,
0.3922

52.3330, 0.3529,
0.3922

51.4560, 0.3681,
0.4158

53.3204, 0.3375,
0.3681

50.6770, 0.3826,
0.4380

54.4162, 0.3223,
0.3442

49.9924, 0.3956,
0.4577


55.6273, 0.3077,
0.3211


49.3958, 0.4068,
0.4742


56.9582, 0.2940,
0.2992

48.8799, 0.4155,
0.4867


58.4130, 0.2812,
0.2788

 48.4362, 0.4216,
0.4949


 59.5625, 0.2734,
0.2664

 48.0535, 0.4252,
0.4989

 59.9052, 0.2734,
0.2673

 47.9270, 0.4261,
0.4999

 60.2497, 0.2735,
0.2681

 60.5958, 0.2736,
0.2690

Harmonies

Analogous

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



52.3330, 0.3771, 0.3783



52.3330, 0.3529, 0.3922



52.3330, 0.3187, 0.3878

Triad

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



52.3330, 0.3529, 0.3922



52.3330, 0.2467, 0.2987



52.3330, 0.3397, 0.2969

Complementary

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



52.3330, 0.3529, 0.3922



30.4729, 0.2676, 0.2568

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.



52.3330, 0.3034, 0.2779



52.3330, 0.3529, 0.3922



52.3330, 0.2514, 0.2775

Square

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



52.3330, 0.3529, 0.3922



52.3330, 0.2583, 0.3306



52.3330, 0.2715, 0.2707



52.3330, 0.3697, 0.3236

Rectangle

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



52.3330, 0.3529, 0.3922



52.3330, 0.2952, 0.3740



52.3330, 0.2715, 0.2707



52.3330, 0.3277, 0.2895

Sweetspot

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



52.3353, 0.3529, 0.3922



98.2609, 0.3247, 0.3480



33.7811, 0.3661, 0.3257



20.9652, 0.3270, 0.3516



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.



52.3353, 0.3529, 0.3922



93.8481, 0.3621, 0.4065



50.3262, 0.3323, 0.3990



11.6905, 0.3266, 0.3509



30.8302, 0.4260, 0.4999



1.3529, 0.4244, 0.5012

Inverse Universe

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



30.4729, 0.2676, 0.2568



47.3986, 0.2557, 0.2376



32.1972, 0.2884, 0.2582



9.8080, 0.2983, 0.3061



2.6935, 0.1508, 0.0628



0.1380, 0.1536, 0.0730

Previews

White Background



This preview shows how the Yxy color 52.3330, 0.3529, 0.3922 looks on a white background.

Color Contrast Check

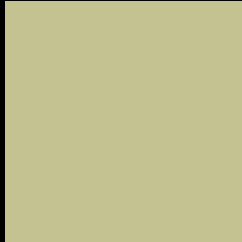
Large Text (above 18pt) WCAG AA × Fail

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 52.3330, 0.3529, 0.3922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

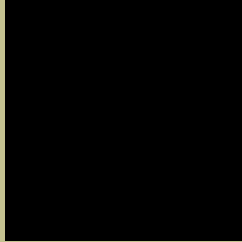
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3330, 0.3529, 0.3922

Background



This preview shows how black text looks on a background with the Yxy color 52.3330, 0.3529, 0.3922.



This preview shows how white text looks on a background with the Yxy color 52.3330, 0.3529, 0.3922.

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

52.3330, 0.3529, 0.3922

Protanopia

52.2239, 0.3626, 0.3883

Deuteranopia

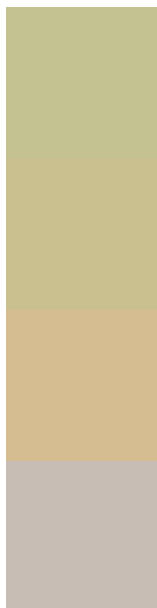
52.3639, 0.3807, 0.3734



Tritanopia

52.0314, 0.3152, 0.3110

Trichromacy



Original Color

52.3330, 0.3529, 0.3922

Protanomaly

52.2390, 0.3596, 0.3900

Deuteranomaly

52.3069, 0.3701, 0.3809

Tritanomaly

51.9698, 0.3289, 0.3401

Monochromacy



Original Color

52.3330, 0.3529, 0.3922

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.4852, 0.3274, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3330, 0.3529, 0.3922 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(196, 194, 144)` looks like.

```
.text, #text, p{  
    color:rgb(196, 194, 144)  
}
```

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(196, 194, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 194, 144) }
```

Border

The CSS property to change the border of an element to Yxy 52.3330, 0.3529, 0.3922 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(196, 194, 144) }
```

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

```
.border{ border-color:rgb(196, 194, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 194, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 194, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 194, 144);  
box-shadow:4px 4px 4px 4px rgb(196, 194,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3330, 0.3529, 0.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 194, 144) }
```

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

```
.background{ background-color: rgb(196,  
194, 144) }
```

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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