

Converting Colors

$Yxy(52.5343, 0.3408, 0.3735)$

Have a look what the booklet for
Yxy(52.5343, 0.3408, 0.3735)
contains.

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Color

Yxy(52.6543, 0.3412, 0.3745)

Conversions

Conversions Part 1

Format	Color
Hex	C3C29E
RGB	195, 194, 158
RGB Percent	76%, 76%, 62%
CMY	0.2352, 0.2392, 0.3805
CMYK	0.00, 0.01, 0.19, 0.24
HSL	58°, 24%, 69%
HSV	58°, 19%, 76%
XYZ	47.9724, 52.6543, 39.9723
YIQ	190.1950, 12.1520, -10.9840

Conversions

Conversions Part 2

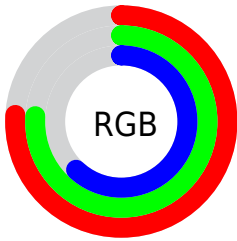
Format	Color
RYB	159, 195, 158
Decimal	12829342
CIELab	77.67, -5.66, 18.29
CIELCh	78, 19.149, 107.180
Yxy	52.6543, 0.3412, 0.3745
Android (android.graphics.Color)	4291019422 (0xFFC3C29E)
YUV	190.1950, -15.8721, 4.2140
Hunter-Lab	72.5633, -8.9775, 18.1338

Details

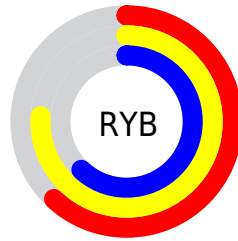
The Yxy color **52.6543, 0.3412, 0.3745** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.0065, 0.2817, 0.2790**, and the grayscale version is **51.7010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8708, 0.3363, 0.3656**, and **25.4595, 0.3492, 0.3871** is the 20% darker color. If you saturate the color by 10%, you get **51.7973, 0.3565, 0.3988**, and if you desaturate by 10%, it is **53.6234, 0.3260, 0.3503**.

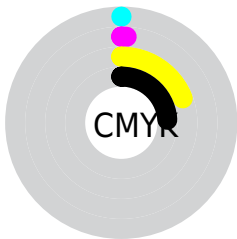
Distribution



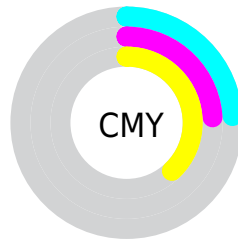
- Red (76%)
- Green (76%)
- Blue (62%)



- Red (62%)
- Yellow (76%)
- Blue (62%)



- Cyan (0%)
- Magenta (1%)
- Yellow (19%)
- Black (24%)





- Cyan (24%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6543, 0.3412, 0.3745 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 52.6543, 0.3412, 0.3745 by changing the saturation by 10% instead.


 52.6543, 0.3412,
0.3745


 52.6543, 0.3412,
0.3745


396.9574, 0.3274,
0.3520

 37.5269, 0.3445,
0.3800


 94.0955, 0.3363,
0.3664

 25.6157, 0.3486,
0.3871


 121.1780, 0.3344,
0.3633

 16.5364, 0.3539,
0.3963


153.0144, 0.3328,
0.3607

 9.9045, 0.3610,
0.4090

189.9890, 0.3315,
0.3585

 5.3357, 0.3707,
0.4274

232.4862, 0.3303,
0.3565

 2.4455, 0.3849,
0.4563

280.8904, 0.3292,

 0.8492, 0.4407,

0.3548

0.5593

335.5860, 0.3283,
0.3533

0.0000, 0.0000,
0.0000

52.6543, 0.3412,
0.3745

52.6543, 0.3412,
0.3745

51.7973, 0.3565,
0.3988

53.6234, 0.3260,
0.3503

51.0404, 0.3714,
0.4223

54.7023, 0.3113,
0.3267

50.3805, 0.3854,
0.4441

55.8978, 0.2973,
0.3042

49.8117, 0.3978,
0.4632

57.2140, 0.2843,
0.2832

49.3275, 0.4081,
0.4789

58.6231, 0.2726,
0.2643

■ 48.9202, 0.4159,
0.4904

■ 58.8686, 0.2726,
0.2649

■ 48.5812, 0.4211,
0.4976

■ 59.1150, 0.2727,
0.2655

■ 48.2955, 0.4240,
0.5011

■ 59.3623, 0.2727,
0.2661

■ 48.2678, 0.4242,
0.5014

■ 59.6105, 0.2728,
0.2668

Harmonies

Analogous

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



52.6543, 0.3587, 0.3658



52.6543, 0.3412, 0.3745



52.6543, 0.3164, 0.3702

Triad

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



52.6543, 0.3412, 0.3745



52.6543, 0.2643, 0.3068



52.6543, 0.3333, 0.3062

Complementary

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



52.6543, 0.3412, 0.3745



36.0065, 0.2817, 0.2790

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.



52.6543, 0.3073, 0.2918



52.6543, 0.3412, 0.3745



52.6543, 0.2682, 0.2913

Square

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



52.6543, 0.3412, 0.3745



52.6543, 0.2726, 0.3296



52.6543, 0.2837, 0.2863



52.6543, 0.3543, 0.3264

Rectangle

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



52.6543, 0.3412, 0.3745



52.6543, 0.2994, 0.3602



52.6543, 0.2837, 0.2863



52.6543, 0.3248, 0.3006

Sweetspot

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



52.6566, 0.3412, 0.3745



96.5514, 0.3217, 0.3433



38.5627, 0.3483, 0.3275



21.1163, 0.3226, 0.3449



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.



52.6566, 0.3412, 0.3745



93.5866, 0.3479, 0.3851



50.9438, 0.3264, 0.3780



11.7089, 0.3265, 0.3511



31.3836, 0.4242, 0.5014



1.3713, 0.4230, 0.5023

Inverse Universe

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



36.0065, 0.2817, 0.2790



58.0556, 0.2736, 0.2659



37.5327, 0.2968, 0.2798



9.7917, 0.2983, 0.3059



2.6576, 0.1506, 0.0620



0.1306, 0.1527, 0.0696

Previews

White Background



This preview shows how the Yxy color 52.6543, 0.3412, 0.3745 looks on a white background.

Color Contrast Check

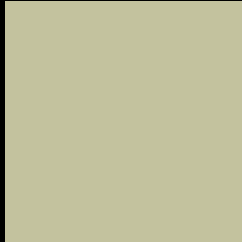
Large Text (above 18pt) WCAG AA × Fail

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 52.6543, 0.3412, 0.3745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

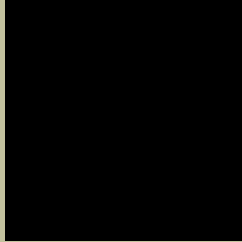
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

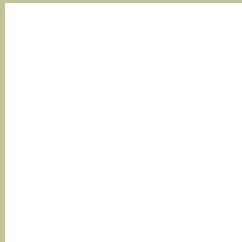
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.6543, 0.3412, 0.3745

Background



This preview shows how black text looks on a background with the Yxy color 52.6543, 0.3412, 0.3745.



This preview shows how white text looks on a background with the Yxy color 52.6543, 0.3412, 0.3745.

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

52.6543, 0.3412, 0.3745

Protanopia

52.3924, 0.3496, 0.3712

Deuteranopia

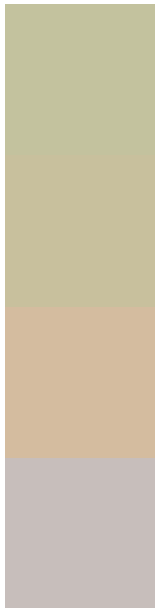
52.3486, 0.3660, 0.3573



Tritanopia

52.6957, 0.3119, 0.3110

Trichromacy



Original Color

52.6543, 0.3412, 0.3745

Protanomaly

52.4130, 0.3467, 0.3727

Deuteranomaly

52.4667, 0.3567, 0.3642

Tritanomaly

52.5569, 0.3224, 0.3327

Monochromacy



Original Color

52.6543, 0.3412, 0.3745

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.6824, 0.3235, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6543, 0.3412, 0.3745 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(195, 194, 158)` looks like.

```
.text, #text, p{  
    color:rgb(195, 194, 158)  
}
```

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(195, 194, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 194, 158) }
```

Border

The CSS property to change the border of an element to Yxy 52.6543, 0.3412, 0.3745 is called "border". The border property can be set on classes, ids or directly on the HTML element.

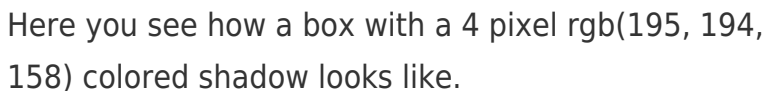
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 194, 158) }
```

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

```
.border{ border-color:rgb(195, 194, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 194, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 194, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 194, 158); box-shadow:4px 4px 4px 4px rgb(195, 194, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6543, 0.3412, 0.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 194, 158) }
```

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

```
.background{ background-color: rgb(195,  
194, 158) }
```

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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