

Converting Colors

$Yxy(52.8575, 0.3356, 0.3642)$

Have a look what the booklet for
Yxy(52.8575, 0.3356, 0.3642)
contains.

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Color

Yxy(52.9388, 0.3349, 0.3642)

Conversions

Conversions Part 1

Format	Color
Hex	C3C2A6
RGB	195, 194, 166
RGB Percent	76%, 76%, 65%
CMY	0.2353, 0.2392, 0.3489
CMYK	0.00, 0.01, 0.15, 0.24
HSL	58°, 19%, 71%
HSV	58°, 15%, 76%
XYZ	48.6799, 52.9388, 43.7377
YIQ	191.1070, 9.5840, -8.4960

Conversions

Conversions Part 2

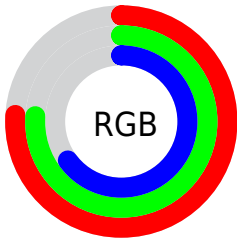
Format	Color
RYB	167, 195, 166
Decimal	12829350
CIELab	77.84, -4.43, 14.22
CIELCh	78, 14.897, 107.318
Yxy	52.9388, 0.3349, 0.3642
Android (android.graphics.Color)	4291019430 (0xFFC3C2A6)
YUV	191.1070, -12.3778, 3.4142
Hunter-Lab	72.7591, -7.9019, 15.2903

Details

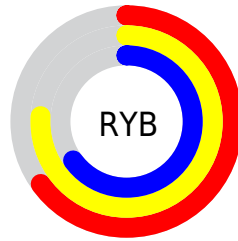
The Yxy color **52.9388, 0.3349, 0.3642** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.6880, 0.2891, 0.2912**, and the grayscale version is **52.2357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2871, 0.3314, 0.3576**, and **25.6338, 0.3408, 0.3733** is the 20% darker color. If you saturate the color by 10%, you get **51.9844, 0.3503, 0.3884**, and if you desaturate by 10%, it is **54.0077, 0.3198, 0.3403**.

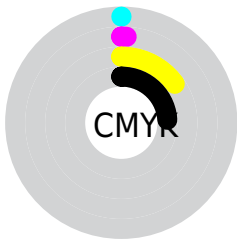
Distribution



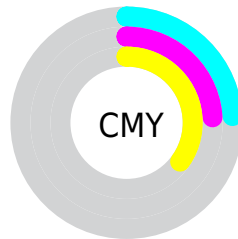
- Red (76%)
- Green (76%)
- Blue (65%)



- Red (65%)
- Yellow (76%)
- Blue (65%)



- Cyan (0%)
- Magenta (1%)
- Yellow (15%)
- Black (24%)





- Cyan (24%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9388, 0.3349, 0.3642 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 52.9388, 0.3349, 0.3642 by changing the saturation by 10% instead.


 52.9388, 0.3349,
0.3642

 52.9388, 0.3349,
0.3642

398.0503, 0.3241,
0.3468

 37.7539, 0.3375,
0.3685


 94.5143, 0.3311,
0.3579

 25.7918, 0.3407,
0.3739


 121.6737, 0.3296,
0.3556

 16.6679, 0.3450,
0.3811


153.5934, 0.3284,
0.3536

 9.9980, 0.3507,
0.3909

190.6578, 0.3273,
0.3518

 5.3976, 0.3587,
0.4052

233.2513, 0.3263,
0.3503

 2.4824, 0.3707,
0.4278

281.7583, 0.3255,

 0.8678, 0.4523,

0.3490

0.5477

336.5632, 0.3248,
0.3479

0.0000, 0.0000,
0.0000

52.9388, 0.3349,
0.3642

52.9388, 0.3349,
0.3642

51.9844, 0.3503,
0.3884

54.0077, 0.3198,
0.3403

51.1326, 0.3655,
0.4122

55.1886, 0.3054,
0.3173

50.3805, 0.3800,
0.4348

56.4883, 0.2918,
0.2956

49.7225, 0.3933,
0.4551

57.9106, 0.2792,
0.2753

49.1522, 0.4047,
0.4722

58.8990, 0.2726,
0.2650

■ 48.6625, 0.4137,
0.4854

■ 59.2013, 0.2727,
0.2657

■ 48.2453, 0.4202,
0.4943

■ 59.5050, 0.2727,
0.2665

■ 47.8907, 0.4240,
0.4990

■ 59.8099, 0.2728,
0.2673

■ 47.7226, 0.4254,
0.5004

■ 60.1162, 0.2728,
0.2680

Harmonies

Analogous

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



52.9388, 0.3484, 0.3578



52.9388, 0.3349, 0.3642



52.9388, 0.3157, 0.3607

Triad

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



52.9388, 0.3349, 0.3642



52.9388, 0.2748, 0.3119



52.9388, 0.3289, 0.3112

Complementary

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



52.9388, 0.3349, 0.3642



39.6880, 0.2891, 0.2912

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.



52.9388, 0.3087, 0.2998



52.9388, 0.3349, 0.3642



52.9388, 0.2780, 0.2997

Square

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



52.9388, 0.3349, 0.3642



52.9388, 0.2813, 0.3295



52.9388, 0.2902, 0.2955



52.9388, 0.3450, 0.3272

Rectangle

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



52.9388, 0.3349, 0.3642



52.9388, 0.3024, 0.3529



52.9388, 0.2902, 0.2955



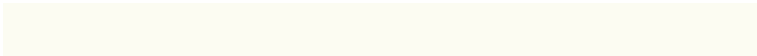
52.9388, 0.3223, 0.3068

Sweetspot

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



52.9411, 0.3349, 0.3642



96.8994, 0.3186, 0.3384



41.6880, 0.3388, 0.3272



21.1861, 0.3198, 0.3402



0.0000, 0.0000, 0.0000



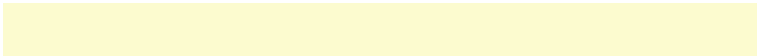
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.9411, 0.3349, 0.3642



94.2203, 0.3401, 0.3725



51.7196, 0.3238, 0.3667



11.6977, 0.3266, 0.3510



31.0465, 0.4253, 0.5005



1.3601, 0.4239, 0.5017

Inverse Universe

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



39.6880, 0.2891, 0.2912



65.7057, 0.2830, 0.2815



40.8099, 0.3003, 0.2911



9.8016, 0.2983, 0.3060



2.6794, 0.1507, 0.0625



0.1351, 0.1533, 0.0717

Previews

White Background



This preview shows how the Yxy color 52.9388, 0.3349, 0.3642 looks on a white background.

Color Contrast Check

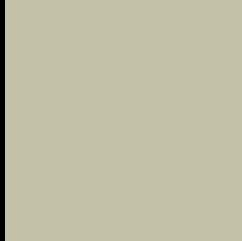
Large Text (above 18pt) WCAG AA × Fail

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 52.9388, 0.3349, 0.3642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

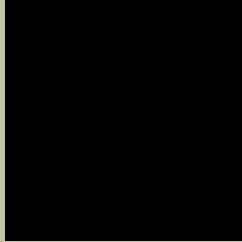
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

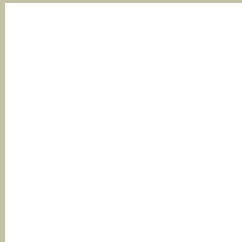
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9388, 0.3349, 0.3642

Background



This preview shows how black text looks on a background with the Yxy color 52.9388, 0.3349, 0.3642.



This preview shows how white text looks on a background with the Yxy color 52.9388, 0.3349, 0.3642.

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

52.9388, 0.3349, 0.3642

Protanopia

52.9724, 0.3421, 0.3624

Deuteranopia

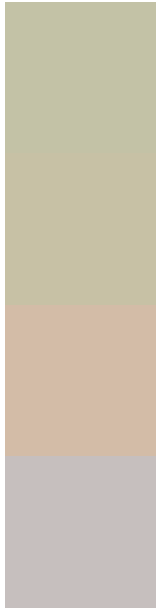
52.7407, 0.3570, 0.3491



Tritanopia

53.0342, 0.3103, 0.3110

Trichromacy



Original Color

52.9388, 0.3349, 0.3642

Protanomaly

52.9987, 0.3393, 0.3639

Deuteranomaly

52.6053, 0.3492, 0.3545

Tritanomaly

52.9851, 0.3192, 0.3302

Monochromacy



Original Color

52.9388, 0.3349, 0.3642

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.2831, 0.3203, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9388, 0.3349, 0.3642 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(195, 194, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 194, 166) }
```

Border

The CSS property to change the border of an element to Yxy 52.9388, 0.3349, 0.3642 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, 166) }
```

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

```
.border{ border-color:rgb(195, 194, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 194, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 194, 166);  
box-shadow:4px 4px 4px 4px rgb(195, 194,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9388, 0.3349, 0.3642 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, 166) }
```

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

```
.background{ background-color: rgb(195,  
194, 166) }
```

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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