

Converting Colors

Yxy(52.7719, 0.3383, 0.3694)

Have a look what the booklet for
Yxy(52.7719, 0.3383, 0.3694)
contains.

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Color

Yxy(52.7943, 0.3380, 0.3693)

Conversions

Conversions Part 1

Format	Color
Hex	C3C2A2
RGB	195, 194, 162
RGB Percent	76%, 76%, 64%
CMY	0.2353, 0.2392, 0.3646
CMYK	0.00, 0.01, 0.17, 0.24
HSL	58°, 22%, 70%
HSV	58°, 17%, 76%
XYZ	48.3197, 52.7943, 41.8437
YIQ	190.6510, 10.8680, -9.7400

Conversions

Conversions Part 2

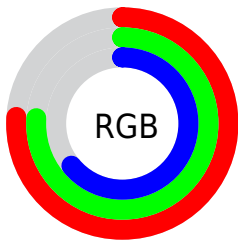
Format	Color
RYB	163, 195, 162
Decimal	12829346
CIELab	77.75, -5.06, 16.24
CIELCh	78, 17.005, 107.294
Yxy	52.7943, 0.3380, 0.3693
Android (android.graphics.Color)	4291019426 (0xFFC3C2A2)
YUV	190.6510, -14.1249, 3.8141
Hunter-Lab	72.6597, -8.4494, 16.7175

Details

The Yxy color **52.7943, 0.3380, 0.3693** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.8283, 0.2855, 0.2852**, and the grayscale version is **51.9681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0764, 0.3339, 0.3616**, and **25.5447, 0.3450, 0.3802** is the 20% darker color. If you saturate the color by 10%, you get **51.8969, 0.3533, 0.3936**, and if you desaturate by 10%, it is **53.8049, 0.3229, 0.3452**.

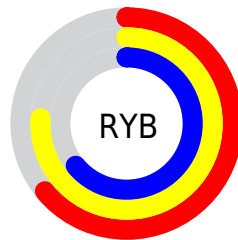
Distribution



Red (76%)

Green (76%)

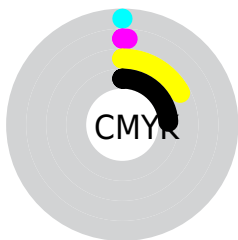
Blue (64%)



Red (64%)

Yellow (76%)

Blue (64%)

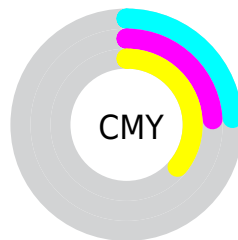


Cyan (0%)

Magenta (1%)

Yellow (17%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7943, 0.3380, 0.3693 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 52.7943, 0.3380, 0.3693 by changing the saturation by 10% instead.


 52.7943, 0.3380,
0.3693


 52.7943, 0.3380,
0.3693


397.4954, 0.3258,
0.3494

 37.6386, 0.3409,
0.3742


 94.3016, 0.3336,
0.3621

 25.7023, 0.3446,
0.3804


 121.4220, 0.3320,
0.3594

 16.6011, 0.3494,
0.3886


153.2994, 0.3306,
0.3571

 9.9505, 0.3558,
0.3999

190.3182, 0.3293,
0.3551

 5.3661, 0.3647,
0.4163

232.8628, 0.3283,
0.3534

 2.4636, 0.3777,
0.4419

281.3176, 0.3273,

 0.8583, 0.4465,

0.3519

0.5535

336.0670, 0.3265,
0.3506

0.0000, 0.0000,
0.0000

52.7943, 0.3380,
0.3693

52.7943, 0.3380,
0.3693

51.8969, 0.3533,
0.3936

53.8049, 0.3229,
0.3452

51.1008, 0.3684,
0.4173

54.9264, 0.3083,
0.3219

50.4029, 0.3827,
0.4395


56.1654, 0.2945,
0.2998


49.7976, 0.3955,
0.4593

57.5261, 0.2817,
0.2791


49.2783, 0.4063,
0.4757


58.7167, 0.2726,
0.2645


 48.8378, 0.4147,
0.4881


 58.9818, 0.2726,
0.2652


 48.4677, 0.4205,
0.4961

 59.2480, 0.2727,
0.2659

 48.1565, 0.4238,
0.5002

 59.5151, 0.2727,
0.2665

 48.0653, 0.4246,
0.5010

 59.7833, 0.2728,
0.2672

Harmonies

Analogous

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



52.7943, 0.3535, 0.3618



52.7943, 0.3380, 0.3693



52.7943, 0.3160, 0.3654

Triad

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



52.7943, 0.3380, 0.3693



52.7943, 0.2695, 0.3093



52.7943, 0.3311, 0.3088

Complementary

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



52.7943, 0.3380, 0.3693



37.8283, 0.2855, 0.2852

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.



52.7943, 0.3081, 0.2958



52.7943, 0.3380, 0.3693



52.7943, 0.2731, 0.2955

Square

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



52.7943, 0.3380, 0.3693



52.7943, 0.2769, 0.3295



52.7943, 0.2870, 0.2909



52.7943, 0.3496, 0.3268

Rectangle

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



52.7943, 0.3380, 0.3693



52.7943, 0.3008, 0.3564



52.7943, 0.2870, 0.2909



52.7943, 0.3236, 0.3037

Sweetspot

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



52.7966, 0.3380, 0.3693



96.7270, 0.3201, 0.3409



40.1047, 0.3436, 0.3277



21.1519, 0.3212, 0.3426



0.0000, 0.0000, 0.0000



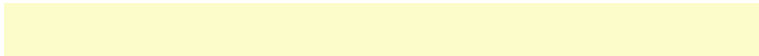
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7966, 0.3380, 0.3693



93.9992, 0.3432, 0.3776



51.2927, 0.3249, 0.3722



11.7050, 0.3265, 0.3511



31.2666, 0.4246, 0.5011



1.3674, 0.4233, 0.5021

Inverse Universe

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



37.8283, 0.2855, 0.2852



62.5417, 0.2793, 0.2753



39.1904, 0.2988, 0.2856



9.7951, 0.2983, 0.3059



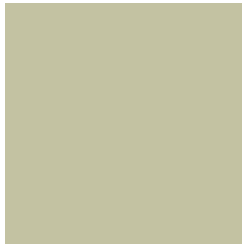
2.6651, 0.1506, 0.0622



0.1322, 0.1529, 0.0703

Previews

White Background



This preview shows how the Yxy color 52.7943, 0.3380, 0.3693 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 52.7943, 0.3380, 0.3693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

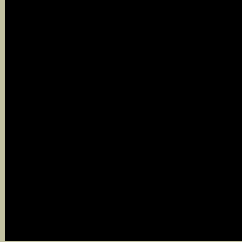
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

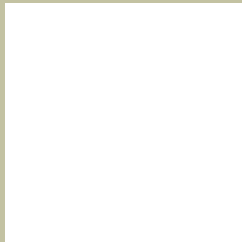
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7943, 0.3380, 0.3693

Background



This preview shows how black text looks on a background with the Yxy color 52.7943, 0.3380, 0.3693.



This preview shows how white text looks on a background with the Yxy color 52.7943, 0.3380, 0.3693.

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

52.7943, 0.3380, 0.3693

Protanopia

52.9690, 0.3461, 0.3674

Deuteranopia

52.7504, 0.3613, 0.3538



Tritanopia

52.6957, 0.3119, 0.3110

Trichromacy



Original Color

52.7943, 0.3380, 0.3693

Protanomaly

52.9925, 0.3433, 0.3689

Deuteranomaly

52.6078, 0.3534, 0.3593

Tritanomaly

52.5999, 0.3217, 0.3315

Monochromacy



Original Color

52.7943, 0.3380, 0.3693

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.2010, 0.3218, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7943, 0.3380, 0.3693 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(195, 194, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 194, 162) }
```

Border

The CSS property to change the border of an element to Yxy 52.7943, 0.3380, 0.3693 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, 162) }
```

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

```
.border{ border-color:rgb(195, 194, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 194, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 194, 162);  
box-shadow:4px 4px 4px 4px rgb(195, 194,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7943, 0.3380, 0.3693 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, 162) }
```

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

```
.background{ background-color: rgb(195,  
194, 162) }
```

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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