

Converting Colors

$Y_{xy}(52.6292, 0.3294, 0.3571)$

Have a look what the booklet for
Yxy(52.6292, 0.3294, 0.3571)
contains.

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Color

Yxy(52.4177, 0.3295, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	C1C1AB
RGB	193, 193, 171
RGB Percent	76%, 76%, 67%
CMY	0.2432, 0.2431, 0.3295
CMYK	0.00, 0.00, 0.11, 0.24
HSL	60°, 15%, 71%
HSV	60°, 11%, 76%
XYZ	48.4070, 52.4177, 46.0859
YIQ	190.4920, 7.0620, -6.8420

Conversions

Conversions Part 2

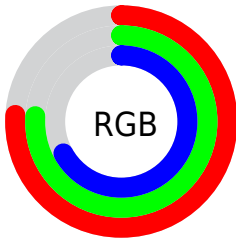
Format	Color
RYB	171, 193, 171
Decimal	12698027
CIELab	77.53, -3.85, 11.09
CIELCh	78, 11.744, 109.146
Yxy	52.4177, 0.3295, 0.3568
Android (android.graphics.Color)	4290888107 (0xFFC1C1AB)
YUV	190.4920, -9.6096, 2.1995
Hunter-Lab	72.4001, -7.3541, 12.9393

Details

The Yxy color $52.4177, 0.3295, 0.3568$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $41.6312, 0.2950, 0.2996$, and the grayscale version is $51.8433, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.5663, 0.3271, 0.3517$, and $25.5770, 0.3332, 0.3649$ is the 20% darker color. If you saturate the color by 10%, you get $51.7326, 0.3445, 0.3817$, and if you desaturate by 10%, it is $53.2148, 0.3148, 0.3324$.

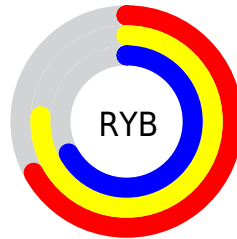
Distribution



Red (76%)

Green (76%)

Blue (67%)



Red (67%)

Yellow (76%)

Blue (67%)

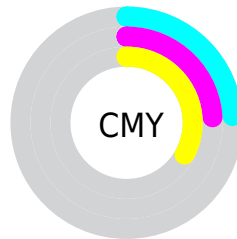


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4177, 0.3295, 0.3568 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 52.4177, 0.3295, 0.3568 by changing the saturation by 10% instead.


 52.4177, 0.3295,
0.3568

 52.4177, 0.3295,
0.3568


396.0470, 0.3213,
0.3431

 37.3381, 0.3315,
0.3602


 93.7470, 0.3266,
0.3518

 25.4694, 0.3340,
0.3645


120.7654, 0.3255,
0.3500

 16.4271, 0.3372,
0.3702


152.5324, 0.3245,
0.3484

 9.8269, 0.3416,
0.3781

189.4321, 0.3237,
0.3470

 5.2843, 0.3479,
0.3896

231.8490, 0.3230,
0.3458

 2.4150, 0.3576,
0.4080

280.1676, 0.3224,

 0.8336, 0.4197,

0.3448

0.5010

334.7721, 0.3218,
0.3439

0.0000, 0.0000,
0.0000

52.4177, 0.3295,
0.3568

52.4177, 0.3295,
0.3568

51.7326, 0.3445,
0.3817

53.2148, 0.3148,
0.3324

51.1481, 0.3595,
0.4065

54.1215, 0.3006,
0.3090

50.6615, 0.3737,
0.4301

55.1442, 0.2874,
0.2870

50.2673, 0.3868,
0.4517

56.2867, 0.2750,
0.2666

49.9597, 0.3980,
0.4704

56.7219, 0.2709,
0.2598

■ 49.7320, 0.4070,
0.4853

■ 56.7262, 0.2710,
0.2598

■ 49.5768, 0.4134,
0.4960

■ 56.7305, 0.2710,
0.2598

■ 49.4850, 0.4173,
0.5025

■ 56.7348, 0.2710,
0.2598

■ 49.4422, 0.4190,
0.5055

■ 56.7391, 0.2710,
0.2598

Harmonies

Analogous

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



52.4177, 0.3405, 0.3524



52.4177, 0.3295, 0.3568



52.4177, 0.3142, 0.3534

Triad

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



52.4177, 0.3295, 0.3568



52.4177, 0.2825, 0.3149



52.4177, 0.3264, 0.3156

Complementary

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



52.4177, 0.3295, 0.3568



41.6312, 0.2950, 0.2996

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.



52.4177, 0.3106, 0.3061



52.4177, 0.3295, 0.3568



52.4177, 0.2855, 0.3054

Square

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



52.4177, 0.3295, 0.3568



52.4177, 0.2873, 0.3286



52.4177, 0.2957, 0.3024



52.4177, 0.3388, 0.3285

Rectangle

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



52.4177, 0.3295, 0.3568



52.4177, 0.3037, 0.3471



52.4177, 0.2957, 0.3024



52.4177, 0.3213, 0.3119

Sweetspot

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



52.4200, 0.3295, 0.3568



95.0473, 0.3171, 0.3363



43.3989, 0.3329, 0.3291



20.3650, 0.3183, 0.3383



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



52.4200, 0.3295, 0.3568



93.5055, 0.3337, 0.3638



51.0306, 0.3203, 0.3576



11.7575, 0.3265, 0.3518



32.8801, 0.4190, 0.5055



1.4209, 0.4191, 0.5054

Inverse Universe

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



41.6312, 0.2950, 0.2996



69.8960, 0.2902, 0.2917



42.9158, 0.3044, 0.3004



9.7488, 0.2983, 0.3052



2.5626, 0.1501, 0.0600



0.1110, 0.1503, 0.0602

Previews

White Background



This preview shows how the Yxy color 52.4177, 0.3295, 0.3568 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 52.4177, 0.3295, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

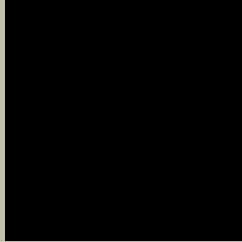
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

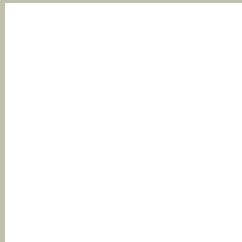
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4177, 0.3295, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 52.4177, 0.3295, 0.3568.



This preview shows how white text looks on a background with the Yxy color 52.4177, 0.3295, 0.3568.

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

52.4177, 0.3295, 0.3568

Protanopia

52.4432, 0.3366, 0.3551

Deuteranopia

52.4668, 0.3501, 0.3433



Tritanopia

52.2840, 0.3095, 0.3109

Trichromacy



Original Color

52.4177, 0.3295, 0.3568

Protanomaly

52.4719, 0.3338, 0.3565

Deuteranomaly

52.3549, 0.3424, 0.3485

Tritanomaly

52.3243, 0.3169, 0.3278

Monochromacy



Original Color

52.4177, 0.3295, 0.3568

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.7569, 0.3188, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4177, 0.3295, 0.3568 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(193, 193, 171)` looks like.

```
.text, #text, p{  
    color:rgb(193, 193, 171)  
}
```

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(193, 193, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 193, 171) }
```

Border

The CSS property to change the border of an element to Yxy 52.4177, 0.3295, 0.3568 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(193, 193, 171) }
```

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

```
.border{ border-color:rgb(193, 193, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 193, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 193, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 193, 171);  
box-shadow:4px 4px 4px 4px rgb(193, 193,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4177, 0.3295, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 193, 171) }
```

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

```
.background{ background-color: rgb(193,  
193, 171) }
```

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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