

Converting Colors

$Y_{xy}(52.6010, 0.3155, 0.3337)$

Have a look what the booklet for
Yxy(52.6010, 0.3155, 0.3337)
contains.

Yxy(52.5366, 0.3157, 0.3340)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.5366, 0.3157, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	C0C0BC
RGB	192, 192, 188
RGB Percent	75%, 75%, 74%
CMY	0.2472, 0.2470, 0.2627
CMYK	0.00, 0.00, 0.02, 0.25
HSL	61°, 3%, 75%
HSV	61°, 2%, 75%
XYZ	49.6581, 52.5366, 55.1005
YIQ	191.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

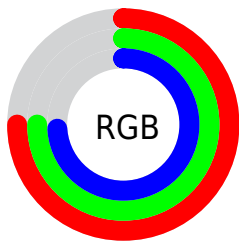
Format	Color
R _Y B	188, 192, 188
Decimal	12632252
CIE Lab	77.60, -0.75, 2.00
CIE LCh	78, 2.137, 110.426
Yxy	52.5366, 0.3157, 0.3340
Android (android.graphics.Color)	4290822332 (0xFFC0C0BC)
YUV	191.5440, -1.7472, 0.3999
Hunter-Lab	72.4821, -4.5519, 5.6656

Details

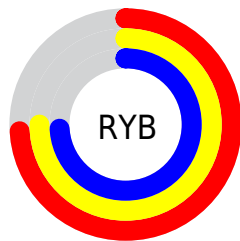
The Yxy color **52.5366, 0.3157, 0.3340** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4718, 0.3097, 0.3240**, and the grayscale version is **52.4410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6229, 0.3151, 0.3329**, and **25.7035, 0.3168, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **51.7331, 0.3303, 0.3585**, and if you desaturate by 10%, it is **53.4549, 0.3017, 0.3106**.

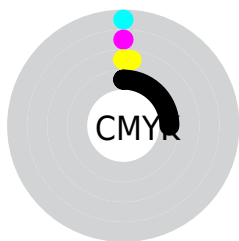
Distribution



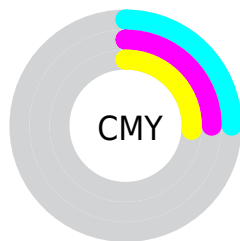
- Red (75%)
- Green (75%)
- Blue (74%)



- Red (74%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)



- Cyan (25%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5366, 0.3157, 0.3340 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 52.5366, 0.3157, 0.3340 by changing the saturation by 10% instead.

■ 52.5366, 0.3157,
0.3340

■ 52.5366, 0.3157,
0.3340

396.5047, 0.3142,
0.3316

■ 37.4330, 0.3161,
0.3346

■ 93.9221, 0.3152,
0.3331

■ 25.5429, 0.3165,
0.3354

120.9728, 0.3150,
0.3328

■ 16.4820, 0.3171,
0.3364

152.7746, 0.3148,
0.3325

■ 9.8659, 0.3179,
0.3377

189.7120, 0.3147,
0.3323

■ 5.3101, 0.3191,
0.3398

232.1693, 0.3145,
0.3321

■ 2.4303, 0.3210,
0.3430

280.5309, 0.3144,

■ 0.8414, 0.3258,

0.3319

0.3507

335.1812, 0.3143,
0.3317

0.0000, 0.0000,
0.0000

52.5366, 0.3157,
0.3340

52.5366, 0.3157,
0.3340

51.7331, 0.3303,
0.3585

53.4549, 0.3017,
0.3106

51.0332, 0.3451,
0.3835

54.4852, 0.2885,
0.2885

50.4347, 0.3598,
0.4083

55.6338, 0.2763,
0.2680

49.9325, 0.3738,
0.4319

56.2563, 0.2707,
0.2586

49.5214, 0.3865,
0.4536

56.2885, 0.2709,
0.2587

■ 49.1954, 0.3974,
0.4722

■ 56.3207, 0.2710,
0.2587

■ 48.9480, 0.4061,
0.4871

■ 56.3530, 0.2712,
0.2587

■ 48.7716, 0.4121,
0.4978

■ 56.3854, 0.2714,
0.2588

■ 48.6574, 0.4157,
0.5042

■ 56.4178, 0.2715,
0.2588

Harmonies

Analogous

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



52.5366, 0.3177, 0.3334



52.5366, 0.3157, 0.3340



52.5366, 0.3129, 0.3333

Triad

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



52.5366, 0.3157, 0.3340



52.5366, 0.3071, 0.3264



52.5366, 0.3154, 0.3266

Complementary

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



52.5366, 0.3157, 0.3340



50.4718, 0.3097, 0.3240

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.



52.5366, 0.3125, 0.3248



52.5366, 0.3157, 0.3340



52.5366, 0.3078, 0.3247

Square

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



52.5366, 0.3157, 0.3340



52.5366, 0.3080, 0.3289



52.5366, 0.3097, 0.3241



52.5366, 0.3175, 0.3291

Rectangle

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



52.5366, 0.3157, 0.3340



52.5366, 0.3110, 0.3321



52.5366, 0.3097, 0.3241



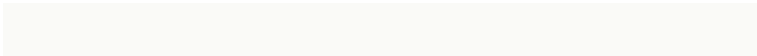
52.5366, 0.3144, 0.3259

Sweetspot

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



52.5389, 0.3157, 0.3340



95.3489, 0.3142, 0.3314



50.8066, 0.3160, 0.3290



20.4573, 0.3141, 0.3313



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.



52.5389, 0.3157, 0.3340



95.0320, 0.3171, 0.3363



52.2853, 0.3141, 0.3340



11.8548, 0.3181, 0.3380



32.6977, 0.4171, 0.5070



1.4149, 0.4177, 0.5066

Inverse Universe

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



50.4718, 0.3097, 0.3240



89.6059, 0.3083, 0.3216



50.7219, 0.3113, 0.3240



11.0251, 0.3072, 0.3198



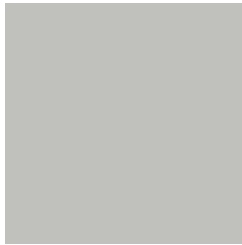
2.5741, 0.1505, 0.0603



0.1134, 0.1522, 0.0612

Previews

White Background



This preview shows how the Yxy color 52.5366, 0.3157, 0.3340 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 52.5366, 0.3157, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

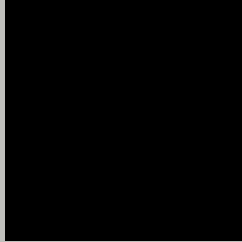
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

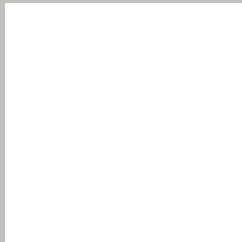
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.5366, 0.3157, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 52.5366, 0.3157, 0.3340.



This preview shows how white text looks on a background with the Yxy color 52.5366, 0.3157, 0.3340.

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

52.5366, 0.3157, 0.3340

Protanopia

52.5852, 0.3199, 0.3340

Deuteranopia

52.2209, 0.3316, 0.3243



Tritanopia

52.2242, 0.3055, 0.3107

Trichromacy



Original Color

52.5366, 0.3157, 0.3340

Protanomaly

52.4516, 0.3190, 0.3340

Deuteranomaly

52.4779, 0.3253, 0.3278

Tritanomaly

52.2416, 0.3091, 0.3192

Monochromacy



Original Color

52.5366, 0.3157, 0.3340

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.6673, 0.3135, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5366, 0.3157, 0.3340 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(192, 192, 188)` looks like.

```
.text, #text, p{  
    color:rgb(192, 192, 188)  
}
```

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(192, 192, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 192, 188) }
```

Border

The CSS property to change the border of an element to Yxy 52.5366, 0.3157, 0.3340 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(192, 192, 188) }
```

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

```
.border{ border-color:rgb(192, 192, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 192, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 192, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 192, 188); box-shadow:4px 4px 4px 4px rgb(192, 192, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5366, 0.3157, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 192, 188) }
```

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

```
.background{ background-color: rgb(192,  
192, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor