

Converting Colors

Yxy(53.6450, 0.3156, 0.3338)

Have a look what the booklet for
Yxy(53.6450, 0.3156, 0.3338)
contains.

Yxy(53.7706, 0.3157, 0.3339)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.7706, 0.3157, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	C2C2BE
RGB	194, 194, 190
RGB Percent	76%, 76%, 75%
CMY	0.2391, 0.2392, 0.2548
CMYK	0.00, 0.00, 0.02, 0.24
HSL	60°, 3%, 75%
HSV	60°, 2%, 76%
XYZ	50.8397, 53.7706, 56.4277
YIQ	193.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

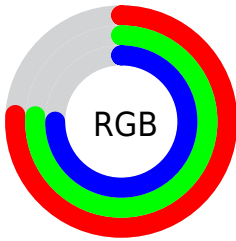
Format	Color
R_{YB}	190, 194, 190
Decimal	12763838
CIE Lab	78.33, -0.71, 1.99
CIE LCh	78, 2.110, 109.692
Yxy	53.7706, 0.3157, 0.3339
Android (android.graphics.Color)	4290953918 (0xFFC2C2BE)
YUV	193.5440, -1.7472, 0.3999
Hunter-Lab	73.3284, -4.5680, 5.7050

Details

The Yxy color **53.7706, 0.3157, 0.3339** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6936, 0.3097, 0.3241**, and the grayscale version is **53.6787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3490, 0.3151, 0.3329**, and **26.1378, 0.3157, 0.3340** is the 20% darker color. If you saturate the color by 10%, you get **52.9312, 0.3305, 0.3583**, and if you desaturate by 10%, it is **54.7277, 0.3015, 0.3106**.

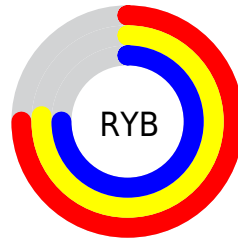
Distribution



Red (76%)

Green (76%)

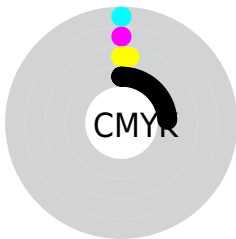
Blue (75%)



Red (75%)

Yellow (76%)

Blue (75%)

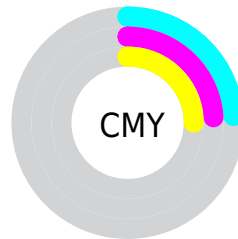


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7706, 0.3157, 0.3339 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 53.7706, 0.3157, 0.3339 by changing the saturation by 10% instead.

■ 53.7706, 0.3157,
0.3339

■ 53.7706, 0.3157,
0.3339

401.2346, 0.3142,
0.3315

■ 38.4183, 0.3161,
0.3345

■ 95.7373, 0.3152,
0.3330

■ 26.3075, 0.3165,
0.3352

123.1206, 0.3150,
0.3327

■ 17.0538, 0.3171,
0.3362

155.2829, 0.3148,
0.3324

■ 10.2729, 0.3179,
0.3375

192.6087, 0.3147,
0.3322

■ 5.5803, 0.3190,
0.3394

235.4824, 0.3145,
0.3320

■ 2.5916, 0.3209,
0.3425

284.2883, 0.3144,

■ 0.9224, 0.3246,

0.3318

0.3486

339.4109, 0.3143,
0.3317

0.0000, 0.0000,
0.0000

53.7706, 0.3157,
0.3339

53.7706, 0.3157,
0.3339

52.9312, 0.3305,
0.3583

54.7277, 0.3015,
0.3106

52.1980, 0.3457,
0.3831

55.7996, 0.2881,
0.2886

51.5686, 0.3606,
0.4076


56.9926, 0.2758,
0.2682

51.0380, 0.3750,
0.4311


57.4700, 0.2717,
0.2616

50.6007, 0.3880,
0.4524

57.5190, 0.2717,
0.2617

 50.2507, 0.3993,
0.4708


 57.5681, 0.2717,
0.2618


 49.9811, 0.4083,
0.4854

 57.6173, 0.2717,
0.2619

 49.7844, 0.4147,
0.4957

 57.6664, 0.2717,
0.2621

 49.6513, 0.4186,
0.5019

 57.7156, 0.2717,
0.2622

Harmonies

Analogous

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



53.7706, 0.3176, 0.3332



53.7706, 0.3157, 0.3339



53.7706, 0.3130, 0.3332

Triad

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



53.7706, 0.3157, 0.3339



53.7706, 0.3073, 0.3265



53.7706, 0.3152, 0.3266

Complementary

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



53.7706, 0.3157, 0.3339



51.6936, 0.3097, 0.3241

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.



53.7706, 0.3124, 0.3249



53.7706, 0.3157, 0.3339



53.7706, 0.3078, 0.3248

Square

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



53.7706, 0.3157, 0.3339



53.7706, 0.3081, 0.3290



53.7706, 0.3097, 0.3242



53.7706, 0.3174, 0.3290

Rectangle

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



53.7706, 0.3157, 0.3339



53.7706, 0.3111, 0.3321



53.7706, 0.3097, 0.3242



53.7706, 0.3143, 0.3259

Sweetspot

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



53.7729, 0.3157, 0.3339



97.5718, 0.3142, 0.3314



52.0312, 0.3159, 0.3289



21.3690, 0.3141, 0.3313



0.0000, 0.0000, 0.0000



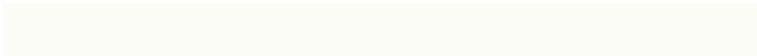
21.4041, 0.3127, 0.3290

Same Dimension

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



53.7729, 0.3157, 0.3339



97.4055, 0.3157, 0.3338



53.5291, 0.3141, 0.3340



11.8903, 0.3154, 0.3335



32.5925, 0.4203, 0.5045



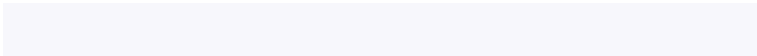
1.4114, 0.4201, 0.5047

Inverse Universe

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



51.6936, 0.3097, 0.3241



93.6886, 0.3097, 0.3241



51.9342, 0.3113, 0.3241



11.4716, 0.3100, 0.3245



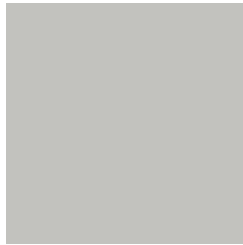
2.5806, 0.1501, 0.0604



0.1147, 0.1506, 0.0620

Previews

White Background



This preview shows how the Yxy color 53.7706, 0.3157, 0.3339 looks on a white background.

Color Contrast Check

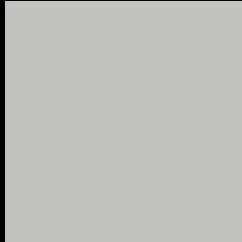
Large Text (above 18pt) WCAG AA × Fail

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 53.7706, 0.3157, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

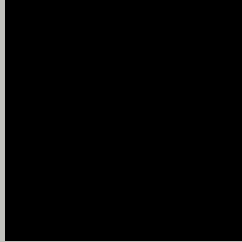
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

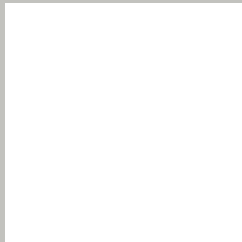
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7706, 0.3157, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 53.7706, 0.3157, 0.3339.



This preview shows how white text looks on a background with the Yxy color 53.7706, 0.3157, 0.3339.

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

53.7706, 0.3157, 0.3339

Protanopia

53.8198, 0.3198, 0.3339

Deuteranopia

53.4484, 0.3314, 0.3243



Tritanopia

53.6369, 0.3056, 0.3098

Trichromacy



Original Color

53.7706, 0.3157, 0.3339

Protanomaly

53.6844, 0.3190, 0.3339

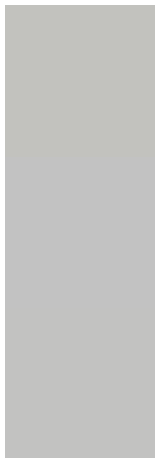
Deuteranomaly

53.7103, 0.3252, 0.3278

Tritanomaly

53.6521, 0.3092, 0.3181

Monochromacy



Original Color

53.7706, 0.3157, 0.3339

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9032, 0.3135, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7706, 0.3157, 0.3339 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(194, 194, 190)` looks like.

```
.text, #text, p{  
    color:rgb(194, 194, 190)  
}
```

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(194, 194, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 194, 190) }
```

Border

The CSS property to change the border of an element to Yxy 53.7706, 0.3157, 0.3339 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(194, 194, 190) }
```

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

```
.border{ border-color:rgb(194, 194, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 194, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 194, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 194, 190);  
box-shadow:4px 4px 4px 4px rgb(194, 194,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7706, 0.3157, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 194, 190) }
```

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

```
.background{ background-color: rgb(194,  
194, 190) }
```

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