

Converting Colors

Yxy(53.4954, 0.3241, 0.3339)

Have a look what the booklet for
Yxy(53.4954, 0.3241, 0.3339)
contains.

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Color

Yxy(53.2670, 0.3240, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	C9BFBB
RGB	201, 191, 187
RGB Percent	79%, 75%, 73%
CMY	0.2118, 0.2510, 0.2666
CMYK	0.00, 0.05, 0.07, 0.21
HSL	17°, 11%, 76%
HSV	17°, 7%, 79%
XYZ	51.6877, 53.2670, 54.5751
YIQ	193.5340, 7.2440, 0.8760

Conversions

Conversions Part 2

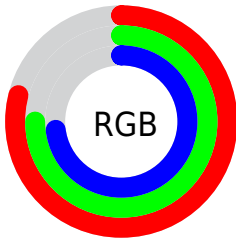
Format	Color
R _Y B	201, 193, 187
Decimal	13221819
CIE Lab	78.03, 2.81, 3.25
CIE LCh	78, 4.298, 49.232
Yxy	53.2670, 0.3240, 0.3339
Android (android.graphics.Color)	4291411899 (0xFFC9BFBB)
YUV	193.5340, -3.2213, 6.5477
Hunter-Lab	72.9842, -1.3082, 6.7539

Details

The Yxy color **53.2670, 0.3240, 0.3339** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7153, 0.3021, 0.3240**, and the grayscale version is **53.6765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2526, 0.3203, 0.3329**, and **26.1012, 0.3269, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **46.5095, 0.3428, 0.3414**, and if you desaturate by 10%, it is **60.7635, 0.3082, 0.3269**.

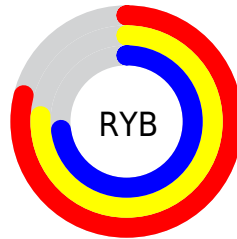
Distribution



Red (79%)

Green (75%)

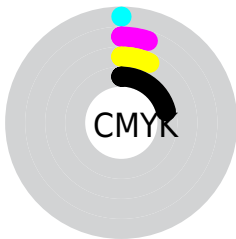
Blue (73%)



Red (79%)

Yellow (76%)

Blue (73%)

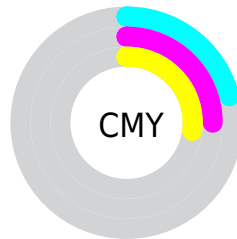


Cyan (0%)

Magenta (5%)

Yellow (7%)

Black (21%)



Cyan (21%)


Magenta (25%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2670, 0.3240, 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 53.2670, 0.3240, 0.3339 by changing the saturation by 10% instead.


 53.2670, 0.3240,
0.3339

 53.2670, 0.3240,
0.3339

399.3087, 0.3185,
0.3315

 38.0160, 0.3253,
0.3345


 94.9971, 0.3220,
0.3331

 25.9951, 0.3271,
0.3352


122.2450, 0.3213,
0.3327

 16.8200, 0.3293,
0.3361


154.2607, 0.3206,
0.3325

 10.1062, 0.3324,
0.3374

191.4284, 0.3201,
0.3322

 5.4694, 0.3369,
0.3392

234.1327, 0.3196,
0.3320

 2.5252, 0.3441,
0.3420

282.7579, 0.3192,

 0.8892, 0.3597,

0.3318

0.3493

337.6884, 0.3188,
0.3317

0.0000, 0.0000,
0.0000

53.2670, 0.3240,
0.3339

53.2670, 0.3240,
0.3339

46.5095, 0.3428,
0.3414

60.7635, 0.3082,
0.3269

40.4615, 0.3651,
0.3492

69.0135, 0.2949,
0.3205

35.1015, 0.3914,
0.3571

78.0401, 0.2837,
0.3147

30.4045, 0.4219,
0.3645

87.0378, 0.2806,
0.3220

26.3439, 0.4562,
0.3708

91.1571, 0.2811,
0.3289

■ 22.8911, 0.4933,
0.3749

■ 20.0153, 0.5308,
0.3756

■ 17.6826, 0.5652,
0.3720

■ 15.8536, 0.5930,
0.3640

Harmonies

Analogous

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



53.2670, 0.3222, 0.3290



53.2670, 0.3240, 0.3339



53.2670, 0.3228, 0.3376

Triad

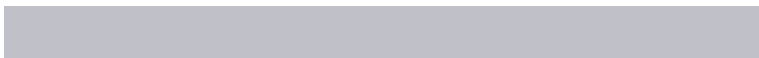
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.2670, 0.3240, 0.3339



53.2670, 0.3077, 0.3340



53.2670, 0.3066, 0.3192

Complementary

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



53.2670, 0.3240, 0.3339



54.7153, 0.3021, 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.



53.2670, 0.3027, 0.3204



53.2670, 0.3240, 0.3339



53.2670, 0.3034, 0.3290

Square

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



53.2670, 0.3240, 0.3339



53.2670, 0.3133, 0.3377



53.2670, 0.3016, 0.3240



53.2670, 0.3120, 0.3205

Rectangle

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



53.2670, 0.3240, 0.3339



53.2670, 0.3204, 0.3388



53.2670, 0.3016, 0.3240



53.2670, 0.3050, 0.3193

Sweetspot

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



53.2693, 0.3240, 0.3339



97.3736, 0.3159, 0.3304



51.9942, 0.3166, 0.3169



20.8695, 0.3157, 0.3303



0.0000, 0.0000, 0.0000



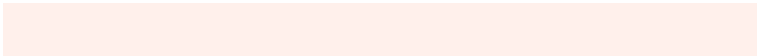
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2693, 0.3240, 0.3339



89.8081, 0.3260, 0.3347



56.3780, 0.3232, 0.3423



11.1223, 0.3282, 0.3357



9.8113, 0.5980, 0.3634



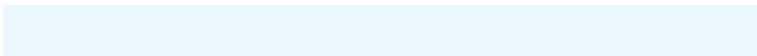
0.5911, 0.5558, 0.3969

Inverse Universe

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



54.7153, 0.3021, 0.3240



92.6714, 0.3003, 0.3232



51.6268, 0.3021, 0.3154



11.5356, 0.2984, 0.3222



15.2739, 0.1984, 0.2342



0.8424, 0.2045, 0.2563

Previews

White Background



This preview shows how the Yxy color 53.2670, 0.3240, 0.3339 looks on a white background.

Color Contrast Check

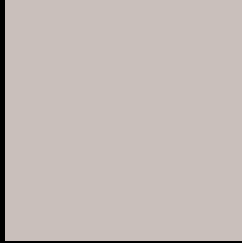
Large Text (above 18pt) WCAG AA × Fail

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 53.2670, 0.3240, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

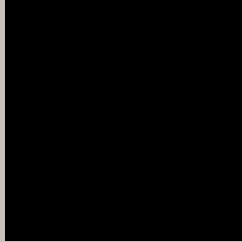
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

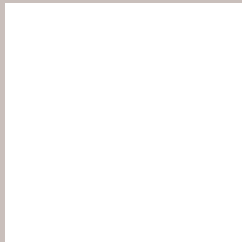
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2670, 0.3240, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 53.2670, 0.3240, 0.3339.



This preview shows how white text looks on a background with the Yxy color 53.2670, 0.3240, 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

53.2670, 0.3240, 0.3339

Protanopia

53.3359, 0.3207, 0.3339

Deuteranopia

53.3176, 0.3338, 0.3279



Tritanopia

53.4035, 0.3135, 0.3123

Trichromacy



Original Color

53.2670, 0.3240, 0.3339

Protanomaly

53.4722, 0.3215, 0.3339

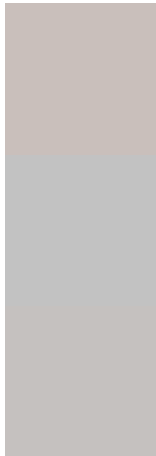
Deuteranomaly

53.1526, 0.3303, 0.3291

Tritanomaly

53.4147, 0.3172, 0.3206

Monochromacy



Original Color

53.2670, 0.3240, 0.3339

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.7718, 0.3175, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2670, 0.3240, 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(201, 191, 187)` looks like.

```
.text, #text, p{  
    color:rgb(201, 191, 187)  
}
```

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(201, 191, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 191, 187) }
```

Border

The CSS property to change the border of an element to Yxy 53.2670, 0.3240, 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(201, 191, 187) }
```

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

```
.border{ border-color:rgb(201, 191, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 191, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 191, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 191, 187);  
box-shadow:4px 4px 4px 4px rgb(201, 191,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2670, 0.3240, 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(201, 191, 187) }
```

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

```
.background{ background-color: rgb(201,  
191, 187) }
```

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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