

Converting Colors

$Yxy(53.3519, 0.3231, 0.3365)$

Have a look what the booklet for
Yxy(53.3519, 0.3231, 0.3365)
contains.

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Color

Yxy(53.3866, 0.3230, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	C7C0BA
RGB	199, 192, 186
RGB Percent	78%, 75%, 73%
CMY	0.2197, 0.2470, 0.2706
CMYK	0.00, 0.03, 0.07, 0.22
HSL	28°, 10%, 75%
HSV	28°, 7%, 78%
XYZ	51.2600, 53.3866, 54.0531
YIQ	193.4090, 6.0980, -0.3820

Conversions

Conversions Part 2

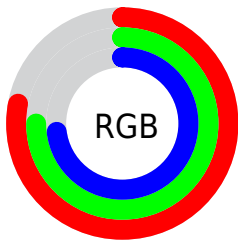
Format	Color
RYB	199, 197, 186
Decimal	13091002
CIELab	78.10, 1.37, 3.88
CIELCh	78, 4.120, 70.511
Yxy	53.3866, 0.3230, 0.3364
Android (android.graphics.Color)	4291281082 (0xFFC7C0BA)
YUV	193.4090, -3.6526, 4.9033
Hunter-Lab	73.0661, -2.6379, 7.2845

Details

The Yxy color **53.3866, 0.3230, 0.3364** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6808, 0.3028, 0.3215**, and the grayscale version is **53.6000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8056, 0.3208, 0.3348**, and **26.1784, 0.3255, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **48.0830, 0.3407, 0.3483**, and if you desaturate by 10%, it is **59.1525, 0.3076, 0.3252**.

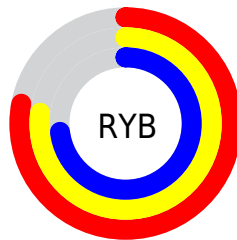
Distribution



Red (78%)

Green (75%)

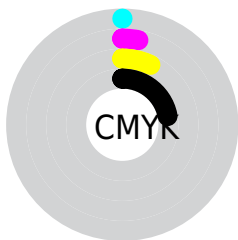
Blue (73%)



Red (78%)

Yellow (77%)

Blue (73%)

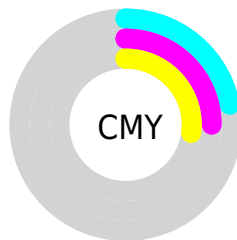


Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3866, 0.3230, 0.3364 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 53.3866, 0.3230, 0.3364 by changing the saturation by 10% instead.

 53.3866, 0.3230,
0.3364

 53.3866, 0.3230,
0.3364

399.7666, 0.3180,
0.3328

 38.1115, 0.3242,
0.3373

 95.1730, 0.3212,
0.3351

 26.0692, 0.3258,
0.3384


122.4531, 0.3205,
0.3346

 16.8754, 0.3278,
0.3398


154.5036, 0.3199,
0.3342

 10.1457, 0.3306,
0.3418

191.7089, 0.3194,
0.3339

 5.4957, 0.3347,
0.3446

234.4535, 0.3190,
0.3335

 2.5409, 0.3412,
0.3491

283.1217, 0.3186,

 0.8971, 0.3563,

0.3333

0.3604

338.0980, 0.3183,
0.3330

0.0000, 0.0000,
0.0000

53.3866, 0.3230,
0.3364

53.3866, 0.3230,
0.3364

48.0830, 0.3407,
0.3483

59.1525, 0.3076,
0.3252

43.2227, 0.3610,
0.3608

65.3851, 0.2943,
0.3148

38.7954, 0.3840,
0.3733

72.0979, 0.2828,
0.3052

34.7880, 0.4095,
0.3854

78.6008, 0.2784,
0.3072

31.1863, 0.4373,
0.3961

84.8848, 0.2792,
0.3187

■ 27.9755, 0.4663,
0.4043

■ 90.8787, 0.2800,
0.3289

■ 25.1393, 0.4952,
0.4088

■ 22.6598, 0.5219,
0.4083

■ 20.5161, 0.5447,
0.4025

Harmonies

Analogous

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



53.3866, 0.3233, 0.3324



53.3866, 0.3230, 0.3364



53.3866, 0.3199, 0.3385

Triad

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



53.3866, 0.3230, 0.3364



53.3866, 0.3048, 0.3304



53.3866, 0.3105, 0.3203

Complementary

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



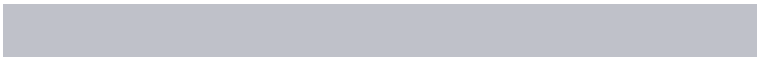
53.3866, 0.3230, 0.3364



52.6808, 0.3028, 0.3215

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.



53.3866, 0.3055, 0.3197



53.3866, 0.3230, 0.3364



53.3866, 0.3023, 0.3255

Square

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



53.3866, 0.3230, 0.3364



53.3866, 0.3094, 0.3350



53.3866, 0.3025, 0.3216



53.3866, 0.3160, 0.3231

Rectangle

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



53.3866, 0.3230, 0.3364



53.3866, 0.3167, 0.3384



53.3866, 0.3025, 0.3216



53.3866, 0.3087, 0.3198

Sweetspot

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



53.3889, 0.3230, 0.3364



97.9433, 0.3158, 0.3313



51.1102, 0.3180, 0.3203



20.9855, 0.3157, 0.3312



0.0000, 0.0000, 0.0000



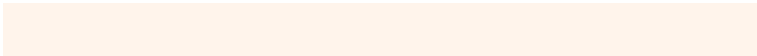
21.4041, 0.3127, 0.3290

Same Dimension

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



53.3889, 0.3230, 0.3364



91.9727, 0.3257, 0.3383



56.2210, 0.3223, 0.3440



11.4341, 0.3278, 0.3397



12.9328, 0.5499, 0.4016



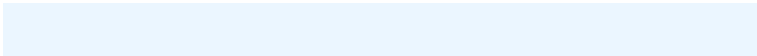
0.7569, 0.5158, 0.4287

Inverse Universe

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



52.6808, 0.3028, 0.3215



90.4461, 0.3003, 0.3196



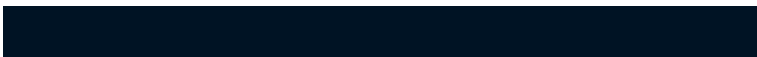
49.9500, 0.3029, 0.3135



11.2137, 0.2983, 0.3180



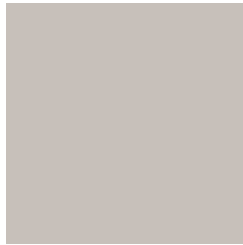
9.5521, 0.1810, 0.1715



0.5962, 0.1909, 0.2073

Previews

White Background



This preview shows how the Yxy color 53.3866, 0.3230, 0.3364 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 53.3866, 0.3230, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

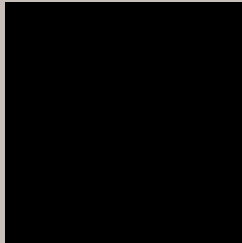
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

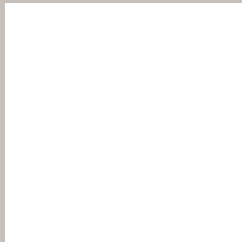
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3866, 0.3230, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 53.3866, 0.3230, 0.3364.

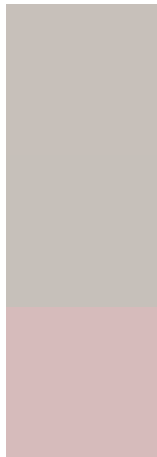


This preview shows how white text looks on a background with the Yxy color 53.3866, 0.3230, 0.3364.

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

53.3866, 0.3230, 0.3364

Protanopia

53.2502, 0.3222, 0.3364

Deuteranopia

53.4246, 0.3355, 0.3291



Tritanopia

53.3114, 0.3119, 0.3111

Trichromacy



Original Color

53.3866, 0.3230, 0.3364

Protanomaly

53.2502, 0.3222, 0.3364

Deuteranomaly

53.5384, 0.3310, 0.3314

Tritanomaly

53.2756, 0.3164, 0.3206

Monochromacy



Original Color

53.3866, 0.3230, 0.3364

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4597, 0.3166, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3866, 0.3230, 0.3364 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(199, 192, 186)` looks like.

```
.text, #text, p{  
    color:rgb(199, 192, 186)  
}
```

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(199, 192, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 192, 186) }
```

Border

The CSS property to change the border of an element to Yxy 53.3866, 0.3230, 0.3364 is called "border". The border property can be set on classes, ids or directly on the HTML element.

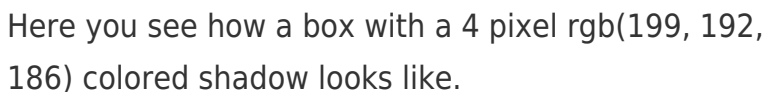
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 192, 186) }
```

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

```
.border{ border-color:rgb(199, 192, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 192, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 192, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 192, 186); box-shadow:4px 4px 4px 4px rgb(199, 192, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3866, 0.3230, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 192, 186) }
```

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

```
.background{ background-color: rgb(199,  
192, 186) }
```

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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