Converting Colors

Yxy(53.3866, 0.3230, 0.3364)

Have a look what the booklet for Yxy(53.3866, 0.3230, 0.3364) contains.

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Color

Yxy(53.3866, 0.3230, 0.3364)

Conversions

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 Part 1

Conversions

Conversions Part 2

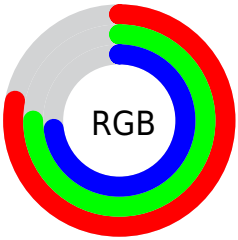
Format	Color
RYB	199, 197, 186
Decimal	13091002
CIELab	78.10, 1.37, 3.88
CIELCh	78, 4.120, 70.511
Yxy	53.3866, 0.3230, 0.3364
Android (android.graphics.Color)	4291281082 (0xFFC7C0BA)
YUV	193.4090, -3.6526, 4.9033
Hunter-Lab	73.0661, -2.6379, 7.2845

Details

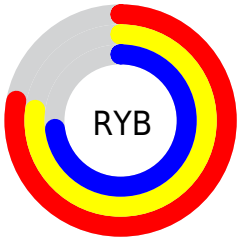
The Yxy color 53.3866, 0.3230, 0.3364 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 52.6808, 0.3028, 0.3215, and the grayscale version is 53.6000, 0.3127, 0.3290.

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.

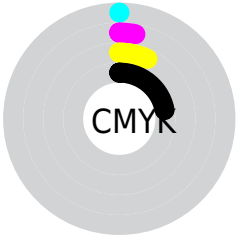
Distribution



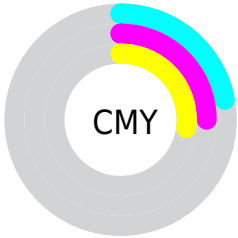
- Red (78%)
- Green (75%)
- Blue (73%)



- 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

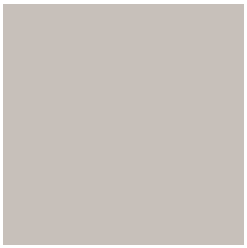
11.2137, 0.2983, 0.3180

9.5521, 0.1810, 0.1715

0.5962, 0.1909, 0.2073

Previews

White Background

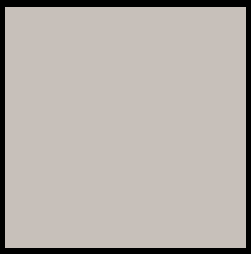


This preview shows how the Yxy color 53.3866, 0.3230, 0.3364 looks on a white background.

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



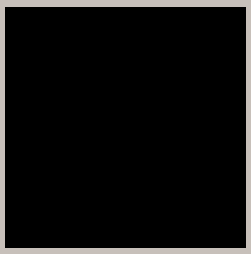
This preview shows how the Yxy color 53.3866, 0.3230, 0.3364 looks on a black background.

Color Contrast Check

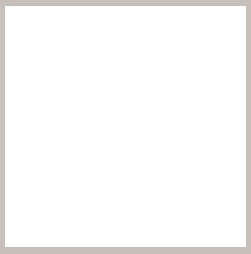
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

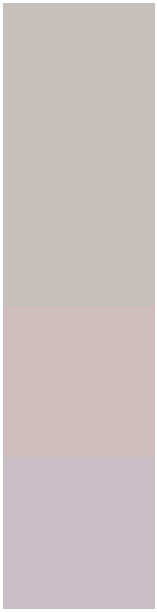
Original Color
53.3866, 0.3230, 0.3364

Protanopia
53.2502, 0.3222, 0.3364

Deuteranopia
53.4246, 0.3355, 0.3291

Tritanopia
53.3114, 0.3119, 0.3111

Trichromacy



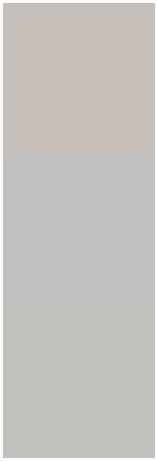
Original Color
53.3866, 0.3230, 0.3364

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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