

Converting Colors

$Y_{xy}(53.3170, 0.3238, 0.3381)$

Have a look what the booklet for
Yxy(53.3170, 0.3238, 0.3381)
contains.

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Color

Yxy(53.3442, 0.3238, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	C7C0B9
RGB	199, 192, 185
RGB Percent	78%, 75%, 73%
CMY	0.2195, 0.2471, 0.2745
CMYK	0.00, 0.04, 0.07, 0.22
HSL	30°, 11%, 75%
HSV	30°, 7%, 78%
XYZ	51.1637, 53.3442, 53.5022
YIQ	193.2950, 6.4190, -0.6930

Conversions

Conversions Part 2

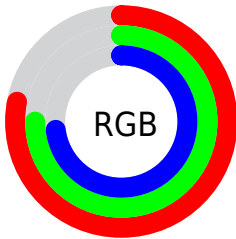
Format	Color
RYB	199, 199, 185
Decimal	13091001
CIE Lab	78.08, 1.23, 4.38
CIE LCh	78, 4.550, 74.356
Yxy	53.3442, 0.3238, 0.3376
Android (android.graphics.Color)	4291281081 (0xFFC7C0B9)
YUV	193.2950, -4.0894, 5.0033
Hunter-Lab	73.0371, -2.7729, 7.6940

Details

The Yxy color **53.3442, 0.3238, 0.3376** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1505, 0.3020, 0.3202**, and the grayscale version is **53.5354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7457, 0.3214, 0.3358**, and **26.1509, 0.3266, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **48.3327, 0.3414, 0.3504**, and if you desaturate by 10%, it is **58.7747, 0.3084, 0.3255**.

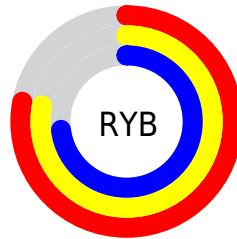
Distribution



Red (78%)

Green (75%)

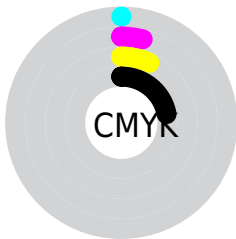
Blue (73%)



Red (78%)

Yellow (78%)

Blue (73%)

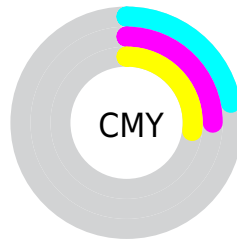


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3442, 0.3238, 0.3376 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 53.3442, 0.3238, 0.3376 by changing the saturation by 10% instead.


 53.3442, 0.3238,
0.3376

 53.3442, 0.3238,
0.3376


399.6043, 0.3184,
0.3334

 38.0776, 0.3251,
0.3386


 95.1107, 0.3219,
0.3361

 26.0429, 0.3268,
0.3399


122.3793, 0.3211,
0.3355

 16.8558, 0.3290,
0.3416


154.4175, 0.3205,
0.3351

 10.1317, 0.3320,
0.3439

191.6095, 0.3199,
0.3346

 5.4864, 0.3364,
0.3472

234.3398, 0.3195,
0.3343

 2.5354, 0.3434,
0.3524

282.9928, 0.3191,

 0.8943, 0.3605,

0.3340

0.3662

337.9528, 0.3187,
0.3337

0.0000, 0.0000,
0.0000

53.3442, 0.3238,
0.3376

53.3442, 0.3238,
0.3376

48.3327, 0.3414,
0.3504

58.7747, 0.3084,
0.3255

43.7224, 0.3615,
0.3638

64.6274, 0.2949,
0.3143

39.5046, 0.3840,
0.3772

70.9146, 0.2832,
0.3039

35.6673, 0.4088,
0.3901

77.0107, 0.2782,
0.3041

32.1981, 0.4354,
0.4016

82.7803, 0.2790,
0.3150

■ 29.0836, 0.4629,
0.4104

■ 88.8734, 0.2797,
0.3256

■ 26.3092, 0.4899,
0.4154

■ 90.8846, 0.2800,
0.3289

■ 23.8586, 0.5147,
0.4154

■ 21.7124, 0.5358,
0.4101

Harmonies

Analogous

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



53.3442, 0.3246, 0.3334



53.3442, 0.3238, 0.3376



53.3442, 0.3201, 0.3396

Triad

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



53.3442, 0.3238, 0.3376



53.3442, 0.3034, 0.3299



53.3442, 0.3110, 0.3196

Complementary

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



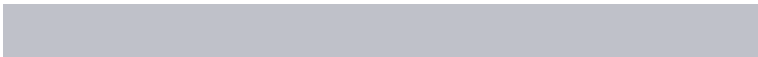
53.3442, 0.3238, 0.3376



52.1505, 0.3020, 0.3202

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.



53.3442, 0.3054, 0.3186



53.3442, 0.3238, 0.3376



53.3442, 0.3010, 0.3245

Square

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



53.3442, 0.3238, 0.3376



53.3442, 0.3083, 0.3351



53.3442, 0.3018, 0.3204



53.3442, 0.3171, 0.3231

Rectangle

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



53.3442, 0.3238, 0.3376



53.3442, 0.3164, 0.3393



53.3442, 0.3018, 0.3204



53.3442, 0.3090, 0.3190

Sweetspot

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



53.3465, 0.3238, 0.3376



98.0565, 0.3158, 0.3314



50.6624, 0.3188, 0.3202



21.0086, 0.3156, 0.3313



0.0000, 0.0000, 0.0000



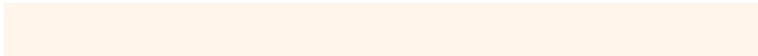
21.4041, 0.3127, 0.3290

Same Dimension

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



53.3465, 0.3238, 0.3376



92.4068, 0.3256, 0.3390



56.3954, 0.3231, 0.3458



11.4967, 0.3277, 0.3406



13.7581, 0.5396, 0.4097



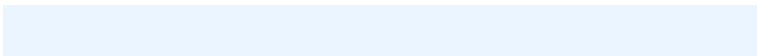
0.7963, 0.5080, 0.4348

Inverse Universe

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



52.1505, 0.3020, 0.3202



90.0101, 0.3003, 0.3188



49.2385, 0.3020, 0.3117



11.1507, 0.2983, 0.3172



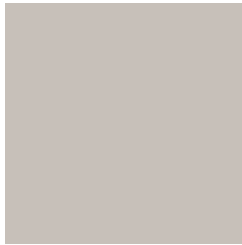
8.6500, 0.1777, 0.1596



0.5544, 0.1882, 0.1975

Previews

White Background



This preview shows how the Yxy color 53.3442, 0.3238, 0.3376 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 53.3442, 0.3238, 0.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

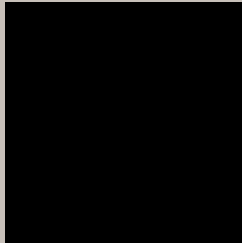
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

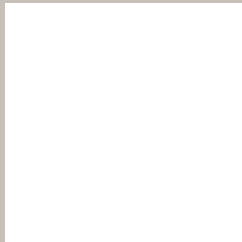
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3442, 0.3238, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 53.3442, 0.3238, 0.3376.

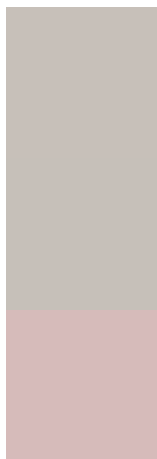


This preview shows how white text looks on a background with the Yxy color 53.3442, 0.3238, 0.3376.

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

53.3442, 0.3238, 0.3376

Protanopia

53.2078, 0.3230, 0.3376

Deuteranopia

53.3820, 0.3363, 0.3303



Tritanopia

53.3114, 0.3119, 0.3111

Trichromacy



Original Color

53.3442, 0.3238, 0.3376

Protanomaly

53.2078, 0.3230, 0.3376

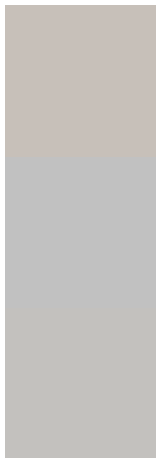
Deuteranomaly

53.4957, 0.3318, 0.3326

Tritanomaly

53.2756, 0.3164, 0.3206

Monochromacy



Original Color

53.3442, 0.3238, 0.3376

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 53.3442, 0.3238, 0.3376 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(199, 192, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 192, 185) }
```

Border

The CSS property to change the border of an element to Yxy 53.3442, 0.3238, 0.3376 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, 185) }
```

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

```
.border{ border-color:rgb(199, 192, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 192, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 192, 185);  
box-shadow:4px 4px 4px 4px rgb(199, 192,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3442, 0.3238, 0.3376 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, 185) }
```

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

```
.background{ background-color: rgb(199,  
192, 185) }
```

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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