

Converting Colors

$Yxy(53.5593, 0.3171, 0.3362)$

Have a look what the booklet for
Yxy(53.5593, 0.3171, 0.3362)
contains.

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Color

Yxy(53.6837, 0.3172, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	C2C2BC
RGB	194, 194, 188
RGB Percent	76%, 76%, 74%
CMY	0.2392, 0.2392, 0.2627
CMYK	0.00, 0.00, 0.03, 0.24
HSL	60°, 5%, 75%
HSV	60°, 3%, 76%
XYZ	50.6197, 53.6837, 55.2795
YIQ	193.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

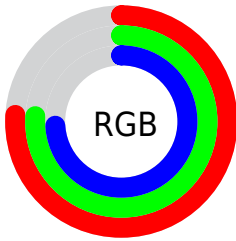
Format	Color
R _Y B	188, 194, 188
Decimal	12763836
CIE Lab	78.28, -1.08, 3.00
CIE LCh	78, 3.184, 109.791
Yxy	53.6837, 0.3172, 0.3364
Android (android.graphics.Color)	4290953916 (0xFFC2C2BC)
YUV	193.3160, -2.6208, 0.5999
Hunter-Lab	73.2692, -4.9001, 6.5558

Details

The Yxy color **53.6837, 0.3172, 0.3364** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5656, 0.3082, 0.3215**, and the grayscale version is **53.5411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2269, 0.3162, 0.3348**, and **26.0809, 0.3178, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **52.8937, 0.3321, 0.3609**, and if you desaturate by 10%, it is **54.5908, 0.3029, 0.3128**.

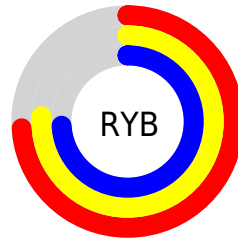
Distribution



Red (76%)

Green (76%)

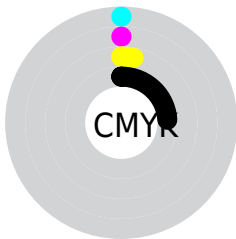
Blue (74%)



Red (74%)

Yellow (76%)

Blue (74%)

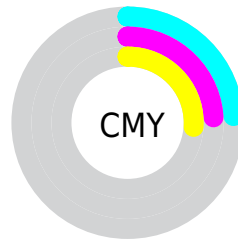


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (24%)



Cyan (24%)


Magenta (24%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6837, 0.3172, 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 53.6837, 0.3172, 0.3364 by changing the saturation by 10% instead.


 53.6837, 0.3172,
0.3364

 53.6837, 0.3172,
0.3364


400.9027, 0.3150,
0.3328

 38.3488, 0.3177,
0.3373

 95.6097, 0.3164,
0.3351

 26.2535, 0.3184,
0.3384


122.9696, 0.3161,
0.3346

 17.0134, 0.3193,
0.3399


155.1066, 0.3159,
0.3342

 10.2441, 0.3205,
0.3419

192.4052, 0.3157,
0.3338

 5.5611, 0.3222,
0.3448

235.2497, 0.3155,
0.3335

 2.5801, 0.3250,
0.3495

284.0245, 0.3153,

 0.9167, 0.3313,

0.3332

0.3595

339.1141, 0.3151,
0.3330

0.0000, 0.0000,
0.0000

53.6837, 0.3172,
0.3364

53.6837, 0.3172,
0.3364

52.8937, 0.3321,
0.3609

54.5908, 0.3029,
0.3128

52.2094, 0.3472,
0.3859

55.6123, 0.2895,
0.2906

51.6284, 0.3621,
0.4104

56.7545, 0.2770,
0.2700

51.1456, 0.3762,
0.4338

57.3182, 0.2716,
0.2612

50.7554, 0.3890,
0.4549

57.3291, 0.2716,
0.2612

■ 50.4518, 0.4000,
0.4730

■ 57.3400, 0.2716,
0.2612

■ 50.2279, 0.4086,
0.4872

■ 57.3510, 0.2716,
0.2613

■ 50.0759, 0.4147,
0.4971

■ 57.3619, 0.2716,
0.2613

■ 49.9864, 0.4182,
0.5028

■ 57.3729, 0.2717,
0.2613

Harmonies

Analogous

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



53.6837, 0.3201, 0.3354



53.6837, 0.3172, 0.3364



53.6837, 0.3131, 0.3354

Triad

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



53.6837, 0.3172, 0.3364



53.6837, 0.3045, 0.3253



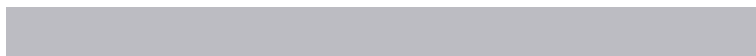
53.6837, 0.3165, 0.3254

Complementary

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



53.6837, 0.3172, 0.3364



50.5656, 0.3082, 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.



53.6837, 0.3123, 0.3228



53.6837, 0.3172, 0.3364



53.6837, 0.3054, 0.3226

Square

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



53.6837, 0.3172, 0.3364



53.6837, 0.3058, 0.3289



53.6837, 0.3082, 0.3217



53.6837, 0.3197, 0.3291

Rectangle

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



53.6837, 0.3172, 0.3364



53.6837, 0.3102, 0.3337



53.6837, 0.3082, 0.3217



53.6837, 0.3152, 0.3244

Sweetspot

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



53.6860, 0.3172, 0.3364



97.5788, 0.3142, 0.3314



51.0798, 0.3176, 0.3289



21.3705, 0.3141, 0.3313



0.0000, 0.0000, 0.0000



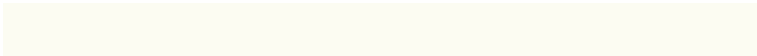
21.4041, 0.3127, 0.3290

Same Dimension

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



53.6860, 0.3172, 0.3364



97.1073, 0.3186, 0.3388



53.3099, 0.3149, 0.3365



11.8394, 0.3195, 0.3403



32.8376, 0.4195, 0.5051



1.4195, 0.4195, 0.5051

Inverse Universe

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



50.5656, 0.3082, 0.3215



89.7181, 0.3067, 0.3191



50.9340, 0.3105, 0.3215



10.8042, 0.3057, 0.3175



2.5653, 0.1500, 0.0601



0.1116, 0.1501, 0.0605

Previews

White Background



This preview shows how the Yxy color 53.6837, 0.3172, 0.3364 looks on a white background.

Color Contrast Check

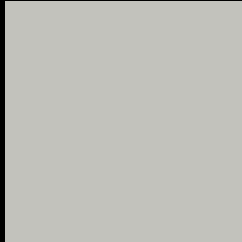
Large Text (above 18pt) WCAG AA × Fail

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 53.6837, 0.3172, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

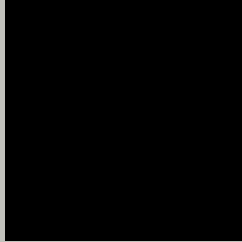
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

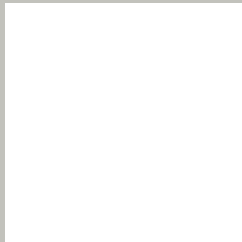
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6837, 0.3172, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 53.6837, 0.3172, 0.3364.



This preview shows how white text looks on a background with the Yxy color 53.6837, 0.3172, 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

53.6837, 0.3172, 0.3364

Protanopia

53.7336, 0.3213, 0.3364

Deuteranopia

53.5109, 0.3339, 0.3267



Tritanopia

53.5882, 0.3064, 0.3109

Trichromacy



Original Color

53.6837, 0.3172, 0.3364

Protanomaly

53.5981, 0.3205, 0.3364

Deuteranomaly

53.7664, 0.3276, 0.3302

Tritanomaly

53.5586, 0.3107, 0.3205

Monochromacy



Original Color

53.6837, 0.3172, 0.3364

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.2390, 0.3142, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6837, 0.3172, 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(194, 194, 188)` looks like.

```
.text, #text, p{  
    color:rgb(194, 194, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 194, 188) }
```

Border

The CSS property to change the border of an element to Yxy 53.6837, 0.3172, 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(194, 194, 188) }
```

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

```
.border{ border-color:rgb(194, 194, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 194, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 194, 188); box-shadow:4px 4px 4px 4px rgb(194, 194, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6837, 0.3172, 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(194, 194, 188) }
```

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

```
.background{ background-color: rgb(194,  
194, 188) }
```

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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