

Converting Colors

$Yxy(52.4359, 0.3244, 0.3288)$

Have a look what the booklet for
Yxy(52.4359, 0.3244, 0.3288)
contains.

Yxy(52.3371, 0.3244, 0.3278)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.3371, 0.3244, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	CBBCBD
RGB	203, 188, 189
RGB Percent	80%, 74%, 74%
CMY	0.2040, 0.2627, 0.2587
CMYK	0.00, 0.07, 0.07, 0.20
HSL	356°, 13%, 77%
HSV	356°, 7%, 80%
XYZ	51.7943, 52.3371, 55.5303
YIQ	192.5990, 8.6190, 3.4910

Conversions

Conversions Part 2

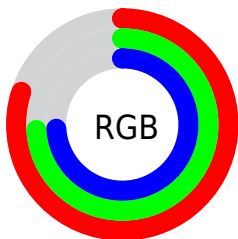
Format	Color
R _Y B	203, 188, 189
Decimal	13352125
CIE Lab	77.48, 5.46, 1.38
CIE LCh	77, 5.632, 14.230
Yxy	52.3371, 0.3244, 0.3278
Android (android.graphics.Color)	4291542205 (0xFFCBBBCBD)
YUV	192.5990, -1.7743, 9.1217
Hunter-Lab	72.3444, 1.1926, 5.1311

Details

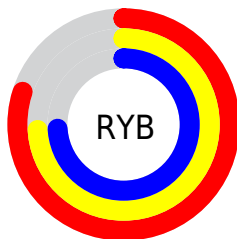
The Yxy color $52.3371, 0.3244, 0.3278$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $57.6557, 0.3021, 0.3302$, and the grayscale version is $53.0881, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5539, 0.3193, 0.3281$, and $25.4951, 0.3275, 0.3274$ is the 20% darker color. If you saturate the color by 10%, you get $43.4988, 0.3436, 0.3261$, and if you desaturate by 10%, it is $62.5068, 0.3090, 0.3294$.

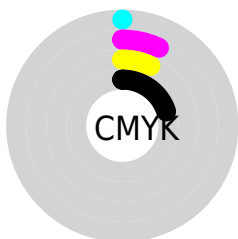
Distribution



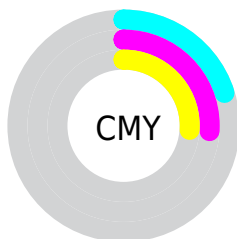
- Red (80%)
- Green (74%)
- Blue (74%)



- Red (80%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (20%)





- Cyan (20%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3371, 0.3244, 0.3278 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 52.3371, 0.3244, 0.3278 by changing the saturation by 10% instead.


 52.3371, 0.3244,
0.3278

 52.3371, 0.3244,
0.3278


395.7366, 0.3187,
0.3284

 37.2738, 0.3258,
0.3276


 93.6282, 0.3223,
0.3280

 25.4196, 0.3276,
0.3274


120.6248, 0.3216,
0.3281

 16.3899, 0.3299,
0.3272

152.3680, 0.3209,
0.3282

 9.8005, 0.3332,
0.3268

189.2422, 0.3203,
0.3282

 5.2669, 0.3379,
0.3262

231.6318, 0.3198,
0.3283

 2.4047, 0.3455,
0.3252

279.9211, 0.3194,

 0.8283, 0.3611,

0.3283

0.3240

334.4946, 0.3190,
0.3284

0.0000, 0.0000,
0.0000

52.3371, 0.3244,
0.3278

52.3371, 0.3244,
0.3278

43.4988, 0.3436,
0.3261

62.5068, 0.3090,
0.3294

35.9304, 0.3675,
0.3243

74.0526, 0.2966,
0.3309

29.5755, 0.3971,
0.3225

87.0257, 0.2866,
0.3322

24.3711, 0.4328,
0.3210

91.4332, 0.2821,
0.3289

20.2483, 0.4745,
0.3199

■ 17.1308, 0.5201,
0.3197

■ 14.9327, 0.5653,
0.3207

■ 13.5534, 0.6035,
0.3229

■ 12.8550, 0.6289,
0.3260

Harmonies

Analogous

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



52.3371, 0.3182, 0.3216



52.3371, 0.3244, 0.3278



52.3371, 0.3275, 0.3344

Triad

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



52.3371, 0.3244, 0.3278



52.3371, 0.3148, 0.3411



52.3371, 0.2991, 0.3183

Complementary

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



52.3371, 0.3244, 0.3278



57.6557, 0.3021, 0.3302

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.



52.3371, 0.2982, 0.3234



52.3371, 0.3244, 0.3278



52.3371, 0.3072, 0.3366

Square

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



52.3371, 0.3244, 0.3278



52.3371, 0.3219, 0.3422



52.3371, 0.3012, 0.3301



52.3371, 0.3036, 0.3161

Rectangle

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



52.3371, 0.3244, 0.3278



52.3371, 0.3273, 0.3382



52.3371, 0.3012, 0.3301



52.3371, 0.2983, 0.3197

Sweetspot

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



52.3394, 0.3244, 0.3278



96.4867, 0.3157, 0.3287



52.8004, 0.3125, 0.3111



20.6889, 0.3156, 0.3287



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.



52.3394, 0.3244, 0.3278



84.9193, 0.3275, 0.3275



55.0177, 0.3245, 0.3366



11.2258, 0.3280, 0.3275



8.1047, 0.6320, 0.3255



0.4225, 0.6059, 0.3111

Inverse Universe

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



52.3394, 0.3244, 0.3278



84.9193, 0.3275, 0.3275



54.8181, 0.3014, 0.3213



11.2258, 0.3280, 0.3275



8.1047, 0.6320, 0.3255



0.4225, 0.6059, 0.3111

Previews

White Background



This preview shows how the Yxy color 52.3371, 0.3244, 0.3278 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 52.3371, 0.3244, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

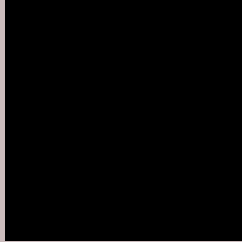
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

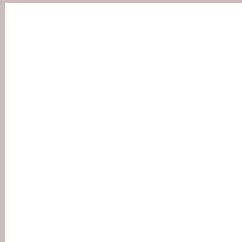
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.3371, 0.3244, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 52.3371, 0.3244, 0.3278.



This preview shows how white text looks on a background with the Yxy color 52.3371, 0.3244, 0.3278.

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

52.3371, 0.3244, 0.3278

Protanopia

52.5814, 0.3167, 0.3302

Deuteranopia

52.2645, 0.3308, 0.3231



Tritanopia

52.3140, 0.3169, 0.3111

Trichromacy



Original Color

52.3371, 0.3244, 0.3278

Protanomaly

52.5504, 0.3193, 0.3290

Deuteranomaly

52.2454, 0.3281, 0.3243

Tritanomaly

52.4092, 0.3191, 0.3170

Monochromacy



Original Color

52.3371, 0.3244, 0.3278

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.9377, 0.3169, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3371, 0.3244, 0.3278 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(203, 188, 189)` looks like.

```
.text, #text, p{  
    color:rgb(203, 188, 189)  
}
```

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(203, 188, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 188, 189) }
```

Border

The CSS property to change the border of an element to Yxy 52.3371, 0.3244, 0.3278 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(203, 188, 189) }
```

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

```
.border{ border-color:rgb(203, 188, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 188, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 188, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 188, 189); box-shadow:4px 4px 4px 4px rgb(203, 188, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3371, 0.3244, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 188, 189) }
```

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

```
.background{ background-color: rgb(203,  
188, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor