

Converting Colors

$Y_{xy}(52.1235, 0.3211, 0.3370)$

Have a look what the booklet for
Yxy(52.1235, 0.3211, 0.3370)
contains.

Yxy(52.3244, 0.3213, 0.3377)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.3244, 0.3213, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	C3BFB8
RGB	195, 191, 184
RGB Percent	76%, 75%, 72%
CMY	0.2354, 0.2509, 0.2783
CMYK	0.00, 0.02, 0.06, 0.24
HSL	38°, 8%, 74%
HSV	38°, 6%, 76%
XYZ	49.7833, 52.3244, 52.8357
YIQ	191.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

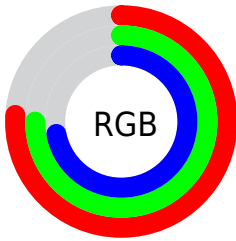
Format	Color
RYB	190, 195, 184
Decimal	12828600
CIELab	77.47, 0.14, 4.00
CIELCh	77, 4.001, 88.045
Yxy	52.3244, 0.3213, 0.3377
Android (android.graphics.Color)	4291018680 (0xFFC3BFB8)
YUV	191.3980, -3.6472, 3.1590
Hunter-Lab	72.3356, -3.7388, 7.3280

Details

The Yxy color $52.3244, 0.3213, 0.3377$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.0883, 0.3042, 0.3201$, and the grayscale version is $52.3623, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.5082, 0.3201, 0.3358$, and $25.4784, 0.3233, 0.3408$ is the 20% darker color. If you saturate the color by 10%, you get $48.5659, 0.3379, 0.3539$, and if you desaturate by 10%, it is $56.3479, 0.3064, 0.3224$.

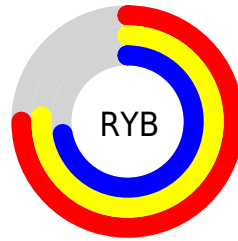
Distribution



Red (76%)

Green (75%)

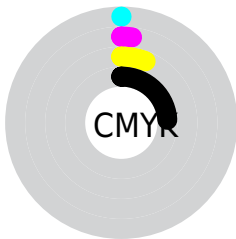
Blue (72%)



Red (75%)

Yellow (76%)

Blue (72%)

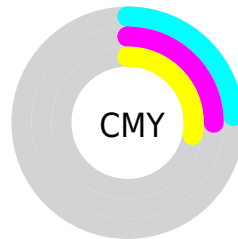


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (24%)



Cyan (24%)

Magenta (25%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3244, 0.3213, 0.3377 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 52.3244, 0.3213, 0.3377 by changing the saturation by 10% instead.


 52.3244, 0.3213,
0.3377

 52.3244, 0.3213,
0.3377

395.6877, 0.3171,
0.3334

 37.2637, 0.3223,
0.3387


 93.6095, 0.3198,
0.3362

 25.4117, 0.3236,
0.3401


120.6027, 0.3192,
0.3356

 16.3841, 0.3254,
0.3418


152.3422, 0.3187,
0.3351

 9.7963, 0.3277,
0.3442

189.2123, 0.3183,
0.3347

 5.2641, 0.3312,
0.3477

231.5976, 0.3179,
0.3343

 2.4031, 0.3367,
0.3532

279.8823, 0.3176,

 0.8275, 0.3528,

0.3340

0.3696

334.4509, 0.3173,
0.3337

0.0000, 0.0000,
0.0000

52.3244, 0.3213,
0.3377

52.3244, 0.3213,
0.3377

48.5659, 0.3379,
0.3539

56.3479, 0.3064,
0.3224

45.0588, 0.3563,
0.3706

60.6359, 0.2931,
0.3081

41.7986, 0.3762,
0.3874

65.1967, 0.2812,
0.2949

38.7777, 0.3973,
0.4037

69.5763, 0.2746,
0.2898

35.9883, 0.4192,
0.4184

73.3332, 0.2753,
0.2977

■ 33.4218, 0.4409,
0.4307

■ 77.2474, 0.2759,
0.3055

■ 31.0688, 0.4615,
0.4392

■ 81.3209, 0.2765,
0.3132

■ 28.9186, 0.4799,
0.4430

■ 85.5554, 0.2772,
0.3208

■ 26.9585, 0.4951,
0.4417

■ 89.9527, 0.2778,
0.3283

Harmonies

Analogous

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



52.3244, 0.3232, 0.3348



52.3244, 0.3213, 0.3377



52.3244, 0.3171, 0.3383

Triad

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



52.3244, 0.3213, 0.3377



52.3244, 0.3032, 0.3275



52.3244, 0.3137, 0.3219

Complementary

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



52.3244, 0.3213, 0.3377



50.0883, 0.3042, 0.3201

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.



52.3244, 0.3083, 0.3199



52.3244, 0.3213, 0.3377



52.3244, 0.3023, 0.3231

Square

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



52.3244, 0.3213, 0.3377



52.3244, 0.3066, 0.3324



52.3244, 0.3042, 0.3204



52.3244, 0.3188, 0.3257

Rectangle

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



52.3244, 0.3213, 0.3377



52.3244, 0.3135, 0.3373



52.3244, 0.3042, 0.3204



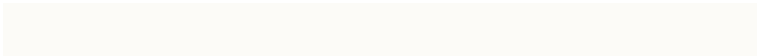
52.3244, 0.3119, 0.3210

Sweetspot

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



52.3267, 0.3213, 0.3377



96.2808, 0.3158, 0.3321



49.5210, 0.3188, 0.3240



21.1001, 0.3156, 0.3320



0.0000, 0.0000, 0.0000



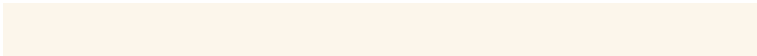
21.4041, 0.3127, 0.3290

Same Dimension

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



52.3267, 0.3213, 0.3377



92.7171, 0.3237, 0.3401



53.8807, 0.3197, 0.3426



11.2828, 0.3243, 0.3407



17.1659, 0.4998, 0.4413



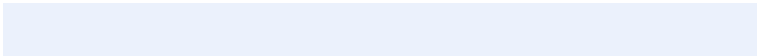
0.8686, 0.4775, 0.4591

Inverse Universe

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



50.0883, 0.3042, 0.3201



87.6877, 0.3019, 0.3177



48.6041, 0.3055, 0.3151



10.6377, 0.3013, 0.3170



5.5900, 0.1659, 0.1171



0.3730, 0.1788, 0.1635

Previews

White Background



This preview shows how the Yxy color 52.3244, 0.3213, 0.3377 looks on a white background.

Color Contrast Check

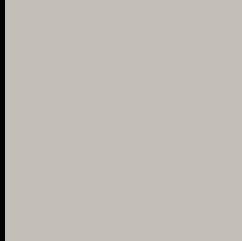
Large Text (above 18pt) WCAG AA × Fail

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 52.3244, 0.3213, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

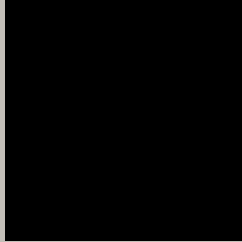
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

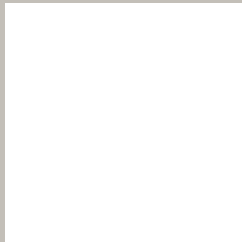
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.3244, 0.3213, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 52.3244, 0.3213, 0.3377.

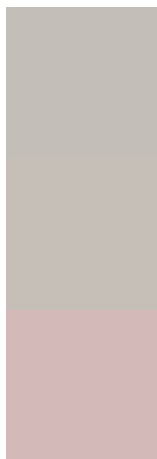


This preview shows how white text looks on a background with the Yxy color 52.3244, 0.3213, 0.3377.

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

52.3244, 0.3213, 0.3377

Protanopia

52.5926, 0.3230, 0.3377

Deuteranopia

52.1978, 0.3357, 0.3291



Tritanopia

52.2840, 0.3095, 0.3109

Trichromacy



Original Color

52.3244, 0.3213, 0.3377

Protanomaly

52.4581, 0.3222, 0.3377

Deuteranomaly

52.1652, 0.3303, 0.3315

Tritanomaly

52.2510, 0.3139, 0.3205

Monochromacy



Original Color

52.3244, 0.3213, 0.3377

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.0989, 0.3158, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3244, 0.3213, 0.3377 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(195, 191, 184)` looks like.

```
.text, #text, p{  
    color:rgb(195, 191, 184)  
}
```

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(195, 191, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 191, 184) }
```

Border

The CSS property to change the border of an element to Yxy 52.3244, 0.3213, 0.3377 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(195, 191, 184) }
```

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

```
.border{ border-color:rgb(195, 191, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 191, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 191, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 191, 184);  
box-shadow:4px 4px 4px 4px rgb(195, 191,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3244, 0.3213, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 191, 184) }
```

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

```
.background{ background-color: rgb(195,  
191, 184) }
```

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