

Converting Colors

$Yxy(53.7753, 0.3400, 0.3451)$

Have a look what the booklet for
Yxy(53.7753, 0.3400, 0.3451)
contains.

Yxy(53.7029, 0.3397, 0.3447)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.7029, 0.3397, 0.3447)

Conversions

Conversions Part 1

Format	Color
Hex	D2BEB1
RGB	210, 190, 177
RGB Percent	82%, 75%, 69%
CMY	0.1765, 0.2549, 0.3059
CMYK	0.00, 0.10, 0.16, 0.18
HSL	24°, 27%, 76%
HSV	24°, 16%, 82%
XYZ	52.9239, 53.7029, 49.1692
YIQ	194.4980, 16.0930, 0.1970

Conversions

Conversions Part 2

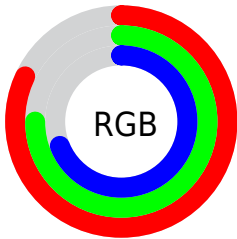
Format	Color
RYB	210, 198, 177
Decimal	13811377
CIELab	78.29, 4.93, 9.12
CIELCh	78, 10.373, 61.609
Yxy	53.7029, 0.3397, 0.3447
Android (android.graphics.Color)	4292001457 (0xFFD2BEB1)
YUV	194.4980, -8.6265, 13.5953
Hunter-Lab	73.2823, 0.6674, 11.5166

Details

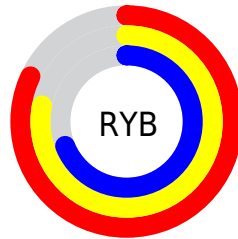
The Yxy color **53.7029, 0.3397, 0.3447** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9186, 0.2884, 0.3128**, and the grayscale version is **54.3044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0547, 0.3265, 0.3417**, and **26.3151, 0.3471, 0.3500** is the 20% darker color. If you saturate the color by 10%, you get **47.6612, 0.3605, 0.3554**, and if you desaturate by 10%, it is **60.3588, 0.3218, 0.3345**.

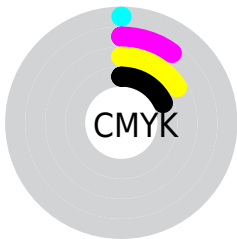
Distribution



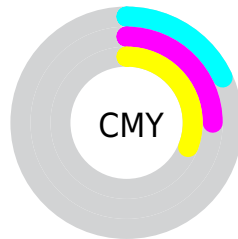
- Red (82%)
- Green (75%)
- Blue (69%)



- Red (82%)
- Yellow (78%)
- Blue (69%)



- Cyan (0%)
- Magenta (10%)
- Yellow (16%)
- Black (18%)




- Cyan (18%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7029, 0.3397, 0.3447 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 53.7029, 0.3397, 0.3447 by changing the saturation by 10% instead.


 53.7029, 0.3397,
0.3447

 53.7029, 0.3397,
0.3447


400.9761, 0.3265,
0.3372

 38.3642, 0.3429,
0.3465


 95.6379, 0.3349,
0.3420

 26.2655, 0.3470,
0.3488


123.0029, 0.3331,
0.3410

 17.0223, 0.3524,
0.3517


155.1456, 0.3316,
0.3401

 10.2504, 0.3598,
0.3556

192.4502, 0.3303,
0.3394

 5.5653, 0.3705,
0.3611

235.3011, 0.3292,
0.3387

 2.5826, 0.3874,
0.3694

284.0828, 0.3281,

 0.9179, 0.4392,

0.3381

0.4025

339.1797, 0.3273,
0.3376

0.0000, 0.0000,
0.0000

53.7029, 0.3397,
0.3447

53.7029, 0.3397,
0.3447

47.6612, 0.3605,
0.3554

60.3588, 0.3218,
0.3345

42.2084, 0.3846,
0.3662

67.6389, 0.3064,
0.3250

37.3278, 0.4118,
0.3766

75.5621, 0.2933,
0.3162

32.9993, 0.4420,
0.3858

83.7525, 0.2853,
0.3142

29.2014, 0.4741,
0.3926

91.5390, 0.2860,
0.3275

■ 25.9109, 0.5066,
0.3959

■ 92.4394, 0.2860,
0.3289

■ 23.1023, 0.5370,
0.3943

■ 20.7471, 0.5627,
0.3874

■ 19.8613, 0.5726,
0.3835

Harmonies

Analogous

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



53.7029, 0.3383, 0.3337



53.7029, 0.3397, 0.3447



53.7029, 0.3337, 0.3519

Triad

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



53.7029, 0.3397, 0.3447



53.7029, 0.2957, 0.3362



53.7029, 0.3029, 0.3063

Complementary

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



53.7029, 0.3397, 0.3447



53.9186, 0.2884, 0.3128

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.



53.7029, 0.2919, 0.3064



53.7029, 0.3397, 0.3447



53.7029, 0.2878, 0.3235

Square

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



53.7029, 0.3397, 0.3447



53.7029, 0.3082, 0.3472



53.7029, 0.2864, 0.3126



53.7029, 0.3168, 0.3118

Rectangle

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



53.7029, 0.3397, 0.3447



53.7029, 0.3264, 0.3533



53.7029, 0.2864, 0.3126



53.7029, 0.2988, 0.3056

Sweetspot

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



53.7053, 0.3397, 0.3447



94.3787, 0.3207, 0.3339



49.1895, 0.3248, 0.3048



20.0361, 0.3219, 0.3346



0.0000, 0.0000, 0.0000



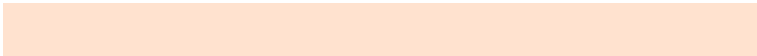
21.4041, 0.3127, 0.3290

Same Dimension

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



53.7053, 0.3397, 0.3447



79.9530, 0.3467, 0.3484



61.0818, 0.3368, 0.3634



12.5624, 0.3281, 0.3382



12.3005, 0.5700, 0.3856



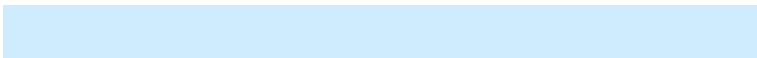
0.8407, 0.5363, 0.4124

Inverse Universe

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



53.9186, 0.2884, 0.3128



80.3462, 0.2829, 0.3088



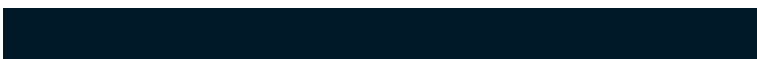
46.9844, 0.2876, 0.2921



12.5916, 0.2983, 0.3196



12.3225, 0.1876, 0.1953



0.8414, 0.1951, 0.2224

Previews

White Background



This preview shows how the Yxy color 53.7029, 0.3397, 0.3447 looks on a white background.

Color Contrast Check

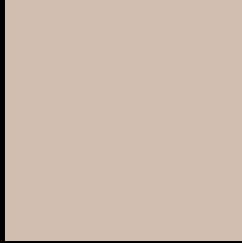
Large Text (above 18pt) WCAG AA × Fail

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 53.7029, 0.3397, 0.3447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

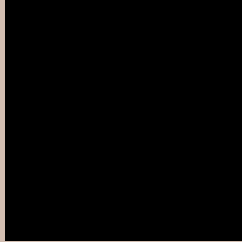
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7029, 0.3397, 0.3447

Background



This preview shows how black text looks on a background with the Yxy color 53.7029, 0.3397, 0.3447.



This preview shows how white text looks on a background with the Yxy color 53.7029, 0.3397, 0.3447.

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

53.7029, 0.3397, 0.3447

Protanopia

53.8121, 0.3300, 0.3462

Deuteranopia

53.6604, 0.3464, 0.3397



Tritanopia

53.4810, 0.3235, 0.3115

Trichromacy



Original Color

53.7029, 0.3397, 0.3447

Protanomaly

53.7510, 0.3335, 0.3461

Deuteranomaly

53.6279, 0.3436, 0.3409

Tritanomaly

53.3435, 0.3298, 0.3231

Monochromacy



Original Color

53.7029, 0.3397, 0.3447

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.0501, 0.3222, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7029, 0.3397, 0.3447 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(210, 190, 177)` looks like.

```
.text, #text, p{  
    color:rgb(210, 190, 177)  
}
```

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(210, 190, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 190, 177) }
```

Border

The CSS property to change the border of an element to Yxy 53.7029, 0.3397, 0.3447 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(210, 190, 177) }
```

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

```
.border{ border-color:rgb(210, 190, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 190, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 190, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 190, 177);  
box-shadow:4px 4px 4px 4px rgb(210, 190,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7029, 0.3397, 0.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 190, 177) }
```

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

```
.background{ background-color: rgb(210,  
190, 177) }
```

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