

Converting Colors

Yxy(53.1687, 0.3397, 0.3312)

Have a look what the booklet for
Yxy(53.1687, 0.3397, 0.3312)
contains.

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Color

Yxy(53.1774, 0.3399, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	D8BAB8
RGB	216, 186, 184
RGB Percent	85%, 73%, 72%
CMY	0.1527, 0.2706, 0.2784
CMYK	0.00, 0.14, 0.15, 0.15
HSL	4°, 29%, 78%
HSV	4°, 15%, 85%
XYZ	54.5413, 53.1774, 52.7442
YIQ	194.7420, 18.5220, 5.7380

Conversions

Conversions Part 2

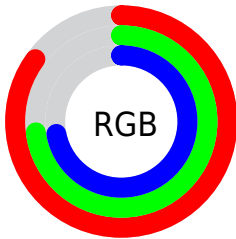
Format	Color
R _Y B	216, 186, 184
Decimal	14203576
CIE Lab	77.98, 10.41, 4.96
CIE LCh	78, 11.532, 25.479
Yxy	53.1774, 0.3399, 0.3314
Android (android.graphics.Color)	4292393656 (0xFFD8BAB8)
YUV	194.7420, -5.2958, 18.6433
Hunter-Lab	72.9228, 5.8909, 8.1623

Details

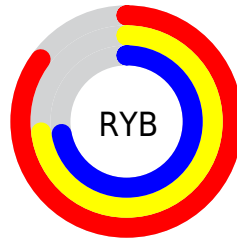
The Yxy color **53.1774, 0.3399, 0.3314** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.2851, 0.2902, 0.3266**, and the grayscale version is **54.4399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0555, 0.3225, 0.3310**, and **25.9908, 0.3475, 0.3322** is the 20% darker color. If you saturate the color by 10%, you get **44.3972, 0.3638, 0.3332**, and if you desaturate by 10%, it is **63.3128, 0.3206, 0.3298**.

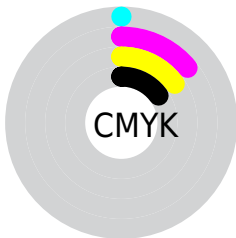
Distribution



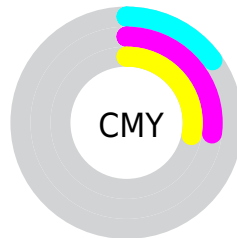
- Red (85%)
- Green (73%)
- Blue (72%)



- Red (85%)
- Yellow (73%)
- Blue (72%)



- Cyan (0%)
- Magenta (14%)
- Yellow (15%)
- Black (15%)



- Cyan (15%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1774, 0.3399, 0.3314 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 53.1774, 0.3399, 0.3314 by changing the saturation by 10% instead.


 53.1774, 0.3399,
0.3314

 53.1774, 0.3399,
0.3314

398.9654, 0.3265,
0.3304

 37.9444, 0.3432,
0.3316

 94.8654, 0.3351,
0.3311

 25.9395, 0.3473,
0.3319

122.0891, 0.3333,
0.3309

 16.7784, 0.3528,
0.3322


154.0786, 0.3317,
0.3308

 10.0766, 0.3604,
0.3325

191.2181, 0.3304,
0.3307

 5.4498, 0.3714,
0.3328

233.8922, 0.3292,
0.3306

 2.5135, 0.3889,
0.3330

282.4852, 0.3282,

 0.8834, 0.4277,

0.3305

337.3814, 0.3273,
0.3304

0.3374

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.1774, 0.3399,
0.3314

53.1774, 0.3399,
0.3314

44.3972, 0.3638,
0.3332

63.3128, 0.3206,
0.3298

36.9081, 0.3931,
0.3349

74.8498, 0.3051,
0.3282

30.6512, 0.4286,
0.3366

87.8417, 0.2925,
0.3269

25.5606, 0.4701,
0.3379

93.3465, 0.2895,
0.3289

■ 21.5640, 0.5159,
0.3386

■ 18.5812, 0.5617,
0.3382

■ 16.5209, 0.6012,
0.3366

■ 15.2755, 0.6277,
0.3339

■ 14.9020, 0.6363,
0.3329

Harmonies

Analogous

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



53.1774, 0.3291, 0.3184



53.1774, 0.3399, 0.3314



53.1774, 0.3432, 0.3442

Triad

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



53.1774, 0.3399, 0.3314



53.1774, 0.3109, 0.3512



53.1774, 0.2877, 0.3047

Complementary

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



53.1774, 0.3399, 0.3314



63.2851, 0.2902, 0.3266

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.



53.1774, 0.2831, 0.3128



53.1774, 0.3399, 0.3314



53.1774, 0.2963, 0.3399

Square

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



53.1774, 0.3399, 0.3314



53.1774, 0.3262, 0.3561



53.1774, 0.2862, 0.3256



53.1774, 0.2989, 0.3032

Rectangle

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



53.1774, 0.3399, 0.3314



53.1774, 0.3407, 0.3509



53.1774, 0.2862, 0.3256



53.1774, 0.2854, 0.3067

Sweetspot

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



53.1798, 0.3399, 0.3314



93.4044, 0.3193, 0.3296



53.7714, 0.3157, 0.2943



19.7349, 0.3206, 0.3297



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.



53.1798, 0.3399, 0.3314



72.9180, 0.3473, 0.3320



60.1372, 0.3372, 0.3495



12.5422, 0.3290, 0.3305



8.8695, 0.6352, 0.3338



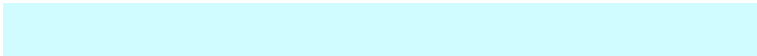
0.5791, 0.6205, 0.3455

Inverse Universe

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



63.2851, 0.2902, 0.3266



90.5205, 0.2854, 0.3260



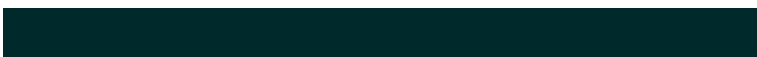
55.7377, 0.2895, 0.3076



13.9708, 0.2983, 0.3275



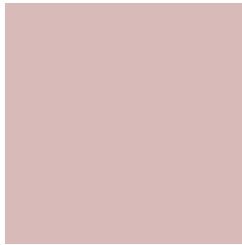
28.1920, 0.2194, 0.3098



1.7409, 0.2204, 0.3133

Previews

White Background



This preview shows how the Yxy color 53.1774, 0.3399, 0.3314 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 53.1774, 0.3399, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

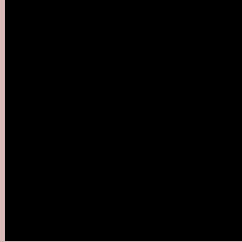
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1774, 0.3399, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 53.1774, 0.3399, 0.3314.



This preview shows how white text looks on a background with the Yxy color 53.1774, 0.3399, 0.3314.

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

53.1774, 0.3399, 0.3314

Protanopia

53.2929, 0.3214, 0.3352

Deuteranopia

53.0256, 0.3390, 0.3314



Tritanopia

53.2636, 0.3304, 0.3128

Trichromacy



Original Color

53.1774, 0.3399, 0.3314

Protanomaly

53.3512, 0.3283, 0.3339

Deuteranomaly

53.0256, 0.3390, 0.3314

Tritanomaly

53.2999, 0.3335, 0.3197

Monochromacy



Original Color

53.1774, 0.3399, 0.3314

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.1574, 0.3225, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1774, 0.3399, 0.3314 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(216, 186, 184)` looks like.

```
.text, #text, p{  
    color:rgb(216, 186, 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(216, 186, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 186, 184) }
```

Border

The CSS property to change the border of an element to Yxy 53.1774, 0.3399, 0.3314 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(216, 186, 184) }
```

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

```
.border{ border-color:rgb(216, 186, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 186, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 186, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 186, 184);  
box-shadow:4px 4px 4px 4px rgb(216, 186,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1774, 0.3399, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 186, 184) }
```

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

```
.background{ background-color: rgb(216,  
186, 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](#).

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