

Converting Colors

Yxy(53.4238, 0.3414, 0.3250)

Have a look what the booklet for
Yxy(53.4238, 0.3414, 0.3250)
contains.

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Color

Yxy(53.2840, 0.3412, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	DDB8BC
RGB	221, 184, 188
RGB Percent	87%, 72%, 74%
CMY	0.1333, 0.2785, 0.2626
CMYK	0.00, 0.17, 0.15, 0.13
HSL	353°, 35%, 79%
HSV	353°, 17%, 87%
XYZ	56.0435, 53.2840, 54.9265
YIQ	195.5190, 20.7680, 9.0880

Conversions

Conversions Part 2

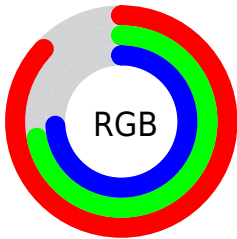
Format	Color
R _Y B	221, 184, 188
Decimal	14530748
CIE Lab	78.04, 13.92, 2.93
CIE LCh	78, 14.225, 11.894
Yxy	53.2840, 0.3412, 0.3244
Android (android.graphics.Color)	4292720828 (0xFFDDB8BC)
YUV	195.5190, -3.7069, 22.3468
Hunter-Lab	72.9959, 9.3027, 6.4837

Details

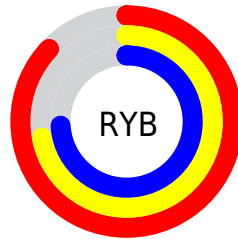
The Yxy color **53.2840, 0.3412, 0.3244** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.9217, 0.2899, 0.3337**, and the grayscale version is **54.9156, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1118, 0.3202, 0.3251**, and **26.0889, 0.3493, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **44.0182, 0.3639, 0.3215**, and if you desaturate by 10%, it is **64.1050, 0.3230, 0.3272**.

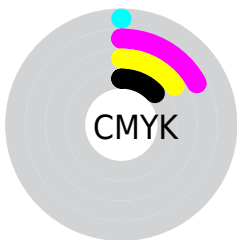
Distribution



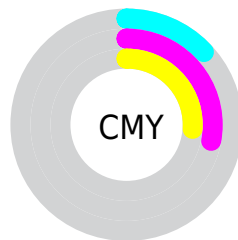
- Red (87%)
- Green (72%)
- Blue (74%)



- Red (87%)
- Yellow (72%)
- Blue (74%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (13%)





- Cyan (13%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2840, 0.3412, 0.3244 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 53.2840, 0.3412, 0.3244 by changing the saturation by 10% instead.


 53.2840, 0.3412,
0.3244

 53.2840, 0.3412,
0.3244


399.3738, 0.3272,
0.3268

 38.0295, 0.3446,
0.3238


 95.0221, 0.3362,
0.3253

 26.0056, 0.3490,
0.3230


122.2746, 0.3343,
0.3256

 16.8278, 0.3547,
0.3220


154.2952, 0.3327,
0.3259

 10.1118, 0.3625,
0.3205

191.4683, 0.3313,
0.3261

 5.4732, 0.3740,
0.3182

234.1783, 0.3301,
0.3263

 2.5275, 0.3921,
0.3144

282.8096, 0.3290,

 0.8903, 0.4274,

0.3265

0.3081

337.7466, 0.3281,
0.3266

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.2840, 0.3412,
0.3244

53.2840, 0.3412,
0.3244

44.0182, 0.3639,
0.3215

64.1050, 0.3230,
0.3272

36.2292, 0.3919,
0.3186

76.5405, 0.3083,
0.3298

29.8429, 0.4258,
0.3159

90.6555, 0.2965,
0.3322

24.7758, 0.4657,
0.3140

94.1152, 0.2923,
0.3289

■ 20.9354, 0.5098,
0.3133

■ 18.2173, 0.5545,
0.3144

■ 16.4998, 0.5939,
0.3176

■ 15.6274, 0.6220,
0.3225

■ 15.4416, 0.6287,
0.3237

Harmonies

Analogous

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



53.2840, 0.3248, 0.3097



53.2840, 0.3412, 0.3244



53.2840, 0.3498, 0.3407

Triad

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



53.2840, 0.3412, 0.3244



53.2840, 0.3191, 0.3604



53.2840, 0.2783, 0.3026

Complementary

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



53.2840, 0.3412, 0.3244



66.9217, 0.2899, 0.3337

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.



53.2840, 0.2770, 0.3155



53.2840, 0.3412, 0.3244



53.2840, 0.3001, 0.3496

Square

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



53.2840, 0.3412, 0.3244



53.2840, 0.3367, 0.3621



53.2840, 0.2848, 0.3328



53.2840, 0.2886, 0.2972

Rectangle

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



53.2840, 0.3412, 0.3244



53.2840, 0.3499, 0.3504



53.2840, 0.2848, 0.3328



53.2840, 0.2768, 0.3062

Sweetspot

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



53.2864, 0.3412, 0.3244



91.4230, 0.3202, 0.3277



54.2061, 0.3112, 0.2872



19.3202, 0.3213, 0.3275



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.



53.2864, 0.3412, 0.3244



69.0772, 0.3484, 0.3234



59.3097, 0.3419, 0.3454



13.0745, 0.3275, 0.3265



8.9766, 0.6264, 0.3224



0.5895, 0.5938, 0.3045

Inverse Universe

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



53.2864, 0.3412, 0.3244



69.0772, 0.3484, 0.3234



59.9530, 0.2867, 0.3120



13.0745, 0.3275, 0.3265



8.9766, 0.6264, 0.3224



0.5895, 0.5938, 0.3045

Previews

White Background



This preview shows how the Yxy color 53.2840, 0.3412, 0.3244 looks on a white background.

Color Contrast Check

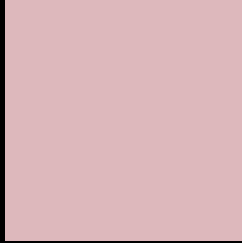
Large Text (above 18pt) WCAG AA × Fail

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 53.2840, 0.3412, 0.3244 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 53.2840, 0.3412, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 53.2840, 0.3412, 0.3244.



This preview shows how white text looks on a background with the Yxy color 53.2840, 0.3412, 0.3244.

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

53.2840, 0.3412, 0.3244

Protanopia

53.4198, 0.3160, 0.3278

Deuteranopia

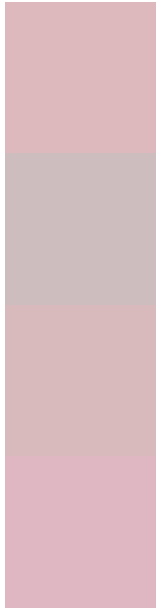
53.4676, 0.3347, 0.3279



Tritanopia

53.4278, 0.3347, 0.3130

Trichromacy



Original Color

53.2840, 0.3412, 0.3244

Protanomaly

53.2786, 0.3253, 0.3266

Deuteranomaly

53.5004, 0.3374, 0.3267

Tritanomaly

53.2916, 0.3372, 0.3164

Monochromacy



Original Color

53.2840, 0.3412, 0.3244

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.5287, 0.3226, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2840, 0.3412, 0.3244 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(221, 184, 188)` looks like.

```
.text, #text, p{  
    color:rgb(221, 184, 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(221, 184, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 184, 188) }
```

Border

The CSS property to change the border of an element to Yxy 53.2840, 0.3412, 0.3244 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(221, 184, 188) }
```

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

```
.border{ border-color:rgb(221, 184, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 184, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 184, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 184, 188);  
box-shadow:4px 4px 4px 4px rgb(221, 184,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2840, 0.3412, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 184, 188) }
```

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

```
.background{ background-color: rgb(221,  
184, 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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