

Converting Colors

Yxy(53.7071, 0.3323, 0.3439)

Have a look what the booklet for
Yxy(53.7071, 0.3323, 0.3439)
contains.

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Color

Yxy(53.8319, 0.3319, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	CCC0B4
RGB	204, 192, 180
RGB Percent	80%, 75%, 71%
CMY	0.1998, 0.2471, 0.2940
CMYK	0.00, 0.06, 0.12, 0.20
HSL	30°, 19%, 75%
HSV	30°, 12%, 80%
XYZ	51.9989, 53.8319, 50.8395
YIQ	194.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

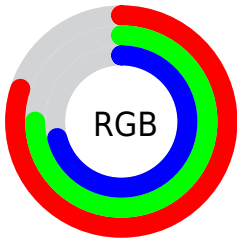
Format	Color
R_{YB}	204, 204, 180
Decimal	13418676
CIE _{Lab}	78.36, 2.20, 7.54
CIE _{LCh}	78, 7.850, 73.755
Yxy	53.8319, 0.3319, 0.3436
Android (android.graphics.Color)	4291608756 (0xFFCCC0B4)
YUV	194.2200, -7.0105, 8.5771
Hunter-Lab	73.3702, -1.8916, 10.2761

Details

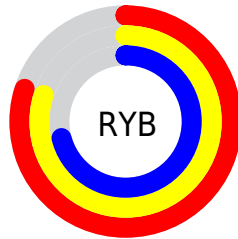
The Yxy color **53.8319, 0.3319, 0.3436** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7958, 0.2946, 0.3140**, and the grayscale version is **54.1277, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4509, 0.3244, 0.3407**, and **26.4816, 0.3376, 0.3486** is the 20% darker color. If you saturate the color by 10%, you get **48.7239, 0.3507, 0.3567**, and if you desaturate by 10%, it is **59.3796, 0.3154, 0.3311**.

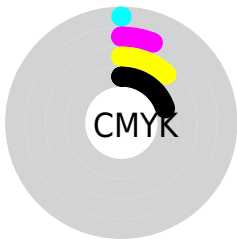
Distribution



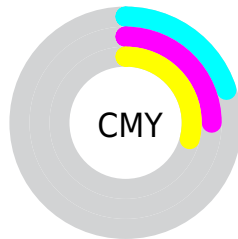
- Red (80%)
- Green (75%)
- Blue (71%)



- Red (80%)
- Yellow (80%)
- Blue (71%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (20%)





- Cyan (20%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8319, 0.3319, 0.3436 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 53.8319, 0.3319, 0.3436 by changing the saturation by 10% instead.

 53.8319, 0.3319,
0.3436

 53.8319, 0.3319,
0.3436


401.4687, 0.3225,
0.3365

 38.4673, 0.3342,
0.3453


 95.8274, 0.3285,
0.3411

 26.3456, 0.3371,
0.3475

123.2270, 0.3273,
0.3401

 17.0823, 0.3409,
0.3503


155.4072, 0.3262,
0.3393

 10.2932, 0.3461,
0.3541

192.7522, 0.3252,
0.3386

 5.5938, 0.3537,
0.3596

235.6464, 0.3244,
0.3380

 2.5997, 0.3656,
0.3680

284.4743, 0.3237,

 0.9265, 0.3996,

0.3374

0.3951

339.6203, 0.3231,
0.3369

0.0000, 0.0000,
0.0000

53.8319, 0.3319,
0.3436

53.8319, 0.3319,
0.3436

48.7239, 0.3507,
0.3567

59.3796, 0.3154,
0.3311

44.0368, 0.3720,
0.3702

65.3711, 0.3010,
0.3195

39.7608, 0.3957,
0.3835

71.8193, 0.2885,
0.3087

35.8830, 0.4215,
0.3958

78.2998, 0.2812,
0.3055

32.3896, 0.4487,
0.4061

84.2611, 0.2819,
0.3165

■ 29.2658, 0.4763,
0.4133

■ 90.5639, 0.2826,
0.3272

■ 26.4953, 0.5025,
0.4160

■ 91.5829, 0.2827,
0.3289

■ 24.0599, 0.5257,
0.4133

■ 22.2861, 0.5422,
0.4077

Harmonies

Analogous

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



53.8319, 0.3331, 0.3362



53.8319, 0.3319, 0.3436



53.8319, 0.3255, 0.3472

Triad

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



53.8319, 0.3319, 0.3436



53.8319, 0.2969, 0.3306



53.8319, 0.3095, 0.3129

Complementary

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



53.8319, 0.3319, 0.3436



51.7958, 0.2946, 0.3140

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.



53.8319, 0.2999, 0.3113



53.8319, 0.3319, 0.3436



53.8319, 0.2928, 0.3213

Square

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



53.8319, 0.3319, 0.3436



53.8319, 0.3052, 0.3397



53.8319, 0.2939, 0.3142



53.8319, 0.3201, 0.3187

Rectangle

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



53.8319, 0.3319, 0.3436



53.8319, 0.3192, 0.3468



53.8319, 0.2939, 0.3142



53.8319, 0.3061, 0.3119

Sweetspot

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



53.8343, 0.3319, 0.3436



96.1394, 0.3190, 0.3339



49.3180, 0.3234, 0.3140



20.4253, 0.3202, 0.3348



0.0000, 0.0000, 0.0000



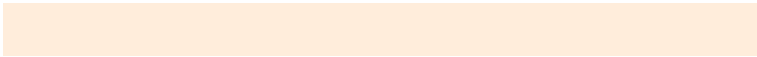
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8343, 0.3319, 0.3436



87.0129, 0.3362, 0.3467



59.1530, 0.3302, 0.3573



12.1219, 0.3278, 0.3406



14.2074, 0.5400, 0.4094



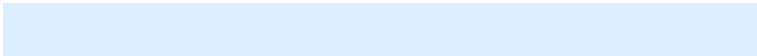
0.8848, 0.5103, 0.4330

Inverse Universe

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



51.7958, 0.2946, 0.3140



83.0146, 0.2907, 0.3106



46.8793, 0.2943, 0.2990



11.7582, 0.2983, 0.3172



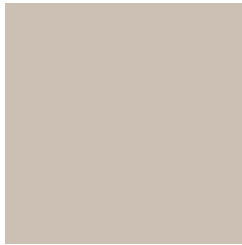
8.9515, 0.1777, 0.1596



0.6136, 0.1875, 0.1951

Previews

White Background



This preview shows how the Yxy color 53.8319, 0.3319, 0.3436 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 53.8319, 0.3319, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

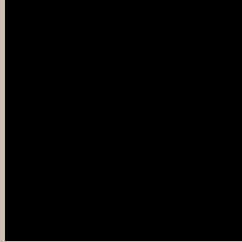
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

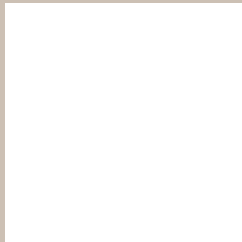
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8319, 0.3319, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 53.8319, 0.3319, 0.3436.

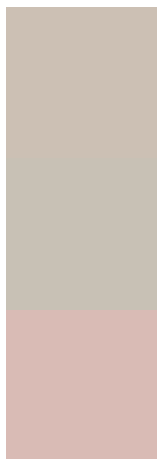


This preview shows how white text looks on a background with the Yxy color 53.8319, 0.3319, 0.3436.

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

53.8319, 0.3319, 0.3436

Protanopia

53.7555, 0.3276, 0.3438

Deuteranopia

53.6286, 0.3430, 0.3361



Tritanopia

53.9724, 0.3168, 0.3125

Trichromacy



Original Color

53.8319, 0.3319, 0.3436

Protanomaly

53.8936, 0.3284, 0.3437

Deuteranomaly

53.7284, 0.3384, 0.3386

Tritanomaly

53.8889, 0.3220, 0.3231

Monochromacy



Original Color

53.8319, 0.3319, 0.3436

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.8198, 0.3198, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8319, 0.3319, 0.3436 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(204, 192, 180)` looks like.

```
.text, #text, p{  
    color:rgb(204, 192, 180)  
}
```

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(204, 192, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 192, 180) }
```

Border

The CSS property to change the border of an element to Yxy 53.8319, 0.3319, 0.3436 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(204, 192, 180) }
```

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

```
.border{ border-color:rgb(204, 192, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 192, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 192, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 192, 180);  
box-shadow:4px 4px 4px 4px rgb(204, 192,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8319, 0.3319, 0.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 192, 180) }
```

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

```
.background{ background-color: rgb(204,  
192, 180) }
```

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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