

Converting Colors

Yxy(53.9667, 0.3294, 0.3399)

Have a look what the booklet for
Yxy(53.9667, 0.3294, 0.3399)
contains.

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Color

Yxy(53.9555, 0.3295, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	CCC0B7
RGB	204, 192, 183
RGB Percent	80%, 75%, 72%
CMY	0.2001, 0.2470, 0.2824
CMYK	0.00, 0.06, 0.10, 0.20
HSL	26°, 17%, 76%
HSV	26°, 10%, 80%
XYZ	52.2892, 53.9555, 52.4479
YIQ	194.5620, 10.0410, -0.2550

Conversions

Conversions Part 2

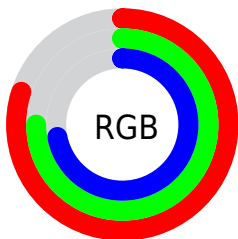
Format	Color
RYB	204, 199, 183
Decimal	13418679
CIELab	78.44, 2.64, 6.04
CIELCh	78, 6.595, 66.359
Yxy	53.9555, 0.3295, 0.3400
Android (android.graphics.Color)	4291608759 (0xFFCCC0B7)
YUV	194.5620, -5.7001, 8.2771
Hunter-Lab	73.4544, -1.4783, 9.0838

Details

The Yxy color **53.9555, 0.3295, 0.3400** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4197, 0.2969, 0.3177**, and the grayscale version is **54.3271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6268, 0.3226, 0.3377**, and **26.5610, 0.3343, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **48.2692, 0.3484, 0.3513**, and if you desaturate by 10%, it is **60.1719, 0.3131, 0.3293**.

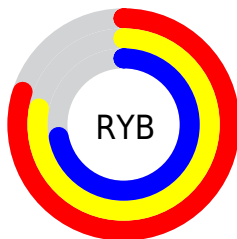
Distribution



Red (80%)

Green (75%)

Blue (72%)



Red (80%)

Yellow (78%)

Blue (72%)

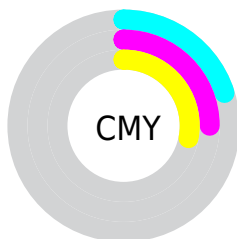


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (20%)



Cyan (20%)


Magenta (25%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9555, 0.3295, 0.3400 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 53.9555, 0.3295, 0.3400 by changing the saturation by 10% instead.

 53.9555, 0.3295,
0.3400

 53.9555, 0.3295,
0.3400


401.9403, 0.3213,
0.3347

 38.5661, 0.3315,
0.3413

 96.0089, 0.3266,
0.3381

 26.4223, 0.3340,
0.3429


123.4417, 0.3254,
0.3374

 17.1399, 0.3374,
0.3450


155.6577, 0.3245,
0.3368

 10.3343, 0.3419,
0.3479

193.0414, 0.3237,
0.3362

 5.6211, 0.3486,
0.3519

235.9771, 0.3230,
0.3358

 2.6161, 0.3590,
0.3583

284.8492, 0.3223,

 0.9348, 0.3849,

0.3354

0.3760

340.0421, 0.3218,
0.3350

0.0000, 0.0000,
0.0000

53.9555, 0.3295,
0.3400

53.9555, 0.3295,
0.3400

48.2692, 0.3484,
0.3513

60.1719, 0.3131,
0.3293

43.0914, 0.3702,
0.3630

66.9252, 0.2991,
0.3193

38.4092, 0.3949,
0.3747

74.2311, 0.2869,
0.3102

34.2067, 0.4224,
0.3855

81.4707, 0.2816,
0.3115

30.4667, 0.4521,
0.3947

88.4687, 0.2824,
0.3238

■ 27.1709, 0.4829,
0.4009

■ 91.5720, 0.2827,
0.3289

■ 24.2996, 0.5128,
0.4028

■ 21.8307, 0.5398,
0.3996

■ 19.7875, 0.5620,
0.3920

Harmonies

Analogous

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



53.9555, 0.3293, 0.3333



53.9555, 0.3295, 0.3400



53.9555, 0.3251, 0.3439

Triad

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



53.9555, 0.3295, 0.3400



53.9555, 0.3009, 0.3324



53.9555, 0.3079, 0.3148

Complementary

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



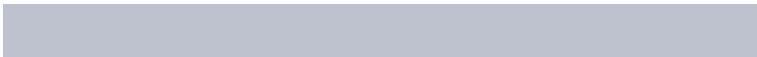
53.9555, 0.3295, 0.3400



53.4197, 0.2969, 0.3177

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.



53.9555, 0.3004, 0.3143



53.9555, 0.3295, 0.3400



53.9555, 0.2964, 0.3244

Square

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



53.9555, 0.3295, 0.3400



53.9555, 0.3085, 0.3395



53.9555, 0.2962, 0.3178



53.9555, 0.3168, 0.3189

Rectangle

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



53.9555, 0.3295, 0.3400



53.9555, 0.3202, 0.3443



53.9555, 0.2962, 0.3178



53.9555, 0.3051, 0.3142

Sweetspot

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



53.9579, 0.3295, 0.3400



96.7699, 0.3174, 0.3322



50.6419, 0.3208, 0.3143



20.5309, 0.3187, 0.3330



0.0000, 0.0000, 0.0000



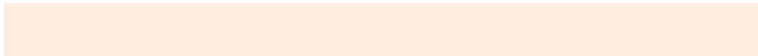
21.4041, 0.3127, 0.3290

Same Dimension

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



53.9579, 0.3295, 0.3400



87.5687, 0.3328, 0.3421



58.5916, 0.3281, 0.3521



11.9951, 0.3279, 0.3390



12.6368, 0.5596, 0.3939



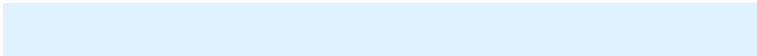
0.8017, 0.5256, 0.4209

Inverse Universe

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



53.4197, 0.2969, 0.3177



86.5281, 0.2940, 0.3156



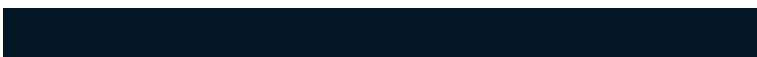
49.0083, 0.2968, 0.3048



11.8862, 0.2983, 0.3188



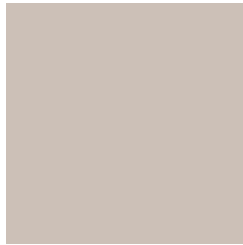
10.8128, 0.1841, 0.1827



0.7068, 0.1928, 0.2141

Previews

White Background



This preview shows how the Yxy color 53.9555, 0.3295, 0.3400 looks on a white background.

Color Contrast Check

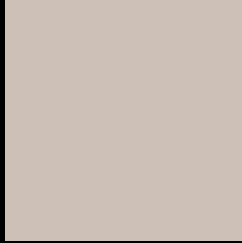
Large Text (above 18pt) WCAG AA × Fail

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 53.9555, 0.3295, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

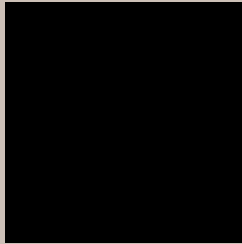
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

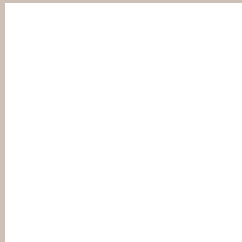
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9555, 0.3295, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 53.9555, 0.3295, 0.3400.

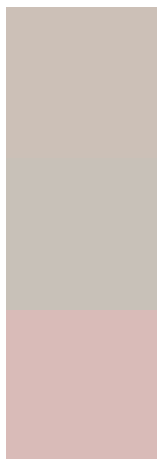


This preview shows how white text looks on a background with the Yxy color 53.9555, 0.3295, 0.3400.

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

53.9555, 0.3295, 0.3400

Protanopia

53.8800, 0.3253, 0.3400

Deuteranopia

53.7531, 0.3406, 0.3326



Tritanopia

54.0202, 0.3160, 0.3113

Trichromacy



Original Color

53.9555, 0.3295, 0.3400

Protanomaly

54.0181, 0.3261, 0.3400

Deuteranomaly

53.8529, 0.3359, 0.3350

Tritanomaly

53.9342, 0.3213, 0.3219

Monochromacy



Original Color

53.9555, 0.3295, 0.3400

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.3509, 0.3182, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9555, 0.3295, 0.3400 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(204, 192, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 192, 183) }
```

Border

The CSS property to change the border of an element to Yxy 53.9555, 0.3295, 0.3400 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, 183) }
```

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

```
.border{ border-color:rgb(204, 192, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 192, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 192, 183);  
box-shadow:4px 4px 4px 4px rgb(204, 192,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9555, 0.3295, 0.3400 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, 183) }
```

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

```
.background{ background-color: rgb(204,  
192, 183) }
```

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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