

Converting Colors

Yxy(53.2100, 0.3436, 0.3927)

Have a look what the booklet for
Yxy(53.2100, 0.3436, 0.3927)
contains.

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Color

Yxy(53.4734, 0.3436, 0.3928)

Conversions

Conversions Part 1

Format	Color
Hex	BEC694
RGB	190, 198, 148
RGB Percent	75%, 78%, 58%
CMY	0.2549, 0.2235, 0.4195
CMYK	0.04, 0.00, 0.25, 0.22
HSL	70°, 30%, 68%
HSV	70°, 25%, 78%
XYZ	46.7756, 53.4734, 35.8849
YIQ	189.9080, 11.2820, -17.2460

Conversions

Conversions Part 2

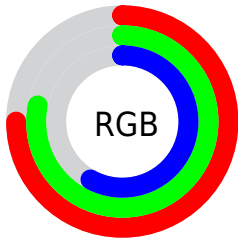
Format	Color
RYB	148, 198, 156
Decimal	12502676
CIELab	78.15, -11.08, 24.19
CIELCh	78, 26.601, 114.609
Yxy	53.4734, 0.3436, 0.3928
Android (android.graphics.Color)	4290692756 (0xFFBEC694)
YUV	189.9080, -20.6606, 0.0807
Hunter-Lab	73.1255, -13.7900, 22.0925

Details

The Yxy color **53.4734, 0.3436, 0.3928** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.3385, 0.2767, 0.2593**, and the grayscale version is **51.5552, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5584, 0.3389, 0.3819**, and **26.0438, 0.3510, 0.4102** is the 20% darker color. If you saturate the color by 10%, you get **52.4971, 0.3555, 0.4188**, and if you desaturate by 10%, it is **54.5706, 0.3313, 0.3669**.

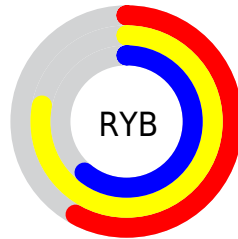
Distribution



Red (75%)

Green (78%)

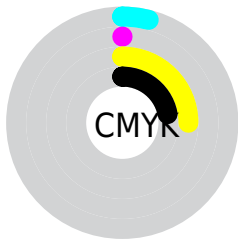
Blue (58%)



Red (58%)

Yellow (78%)

Blue (61%)

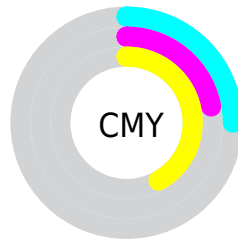


Cyan (4%)

Magenta (0%)

Yellow (25%)

Black (22%)



Cyan (25%)

Magenta (22%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4734, 0.3436, 0.3928 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 53.4734, 0.3436, 0.3928 by changing the saturation by 10% instead.


 53.4734, 0.3436,
0.3928

 53.4734, 0.3436,
0.3928


400.0987, 0.3290,
0.3610

 38.1808, 0.3470,
0.4006

 95.3006, 0.3385,
0.3813

 26.1231, 0.3511,
0.4106


 122.6040, 0.3365,
0.3770

 16.9157, 0.3562,
0.4237


154.6798, 0.3348,
0.3733

 10.1744, 0.3628,
0.4416

191.9124, 0.3334,
0.3702

 5.5148, 0.3710,
0.4673

234.6862, 0.3321,
0.3674

 2.5523, 0.3862,
0.5137

283.3856, 0.3309,

 0.9028, 0.3942,

0.3650

0.6058

338.3950, 0.3299,
0.3629

0.0000, 0.0000,
0.0000

53.4734, 0.3436,
0.3928

53.4734, 0.3436,
0.3928

52.4971, 0.3555,
0.4188

54.5706, 0.3313,
0.3669

51.6292, 0.3665,
0.4441

55.7866, 0.3190,
0.3417

50.8658, 0.3760,
0.4675

57.1288, 0.3071,
0.3178

50.2005, 0.3836,
0.4880

58.6016, 0.2957,
0.2955

49.6259, 0.3888,
0.5047

60.2092, 0.2850,
0.2750

■ 49.1332, 0.3915,
0.5170

■ 61.1702, 0.2822,
0.2674

■ 48.7121, 0.3916,
0.5248

■ 61.6377, 0.2844,
0.2678

■ 48.5269, 0.3912,
0.5276

■ 62.1145, 0.2866,
0.2682

■ 62.6006, 0.2889,
0.2686

Harmonies

Analogous

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



53.4734, 0.3715, 0.3837



53.4734, 0.3436, 0.3928



53.4734, 0.3084, 0.3826

Triad

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



53.4734, 0.3436, 0.3928



53.4734, 0.2466, 0.2913



53.4734, 0.3493, 0.3041

Complementary

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



53.4734, 0.3436, 0.3928



32.3385, 0.2767, 0.2593

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.



53.4734, 0.3138, 0.2825



53.4734, 0.3436, 0.3928



53.4734, 0.2559, 0.2742

Square

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



53.4734, 0.3436, 0.3928



53.4734, 0.2535, 0.3207



53.4734, 0.2799, 0.2716



53.4734, 0.3755, 0.3321

Rectangle

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



53.4734, 0.3436, 0.3928



53.4734, 0.2858, 0.3657



53.4734, 0.2799, 0.2716



53.4734, 0.3380, 0.2959

Sweetspot

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



53.4758, 0.3436, 0.3928



98.1403, 0.3225, 0.3488



37.7637, 0.3631, 0.3390



20.9347, 0.3244, 0.3527



0.0000, 0.0000, 0.0000



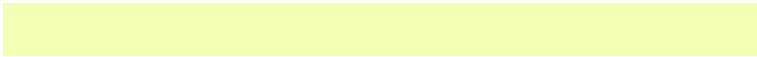
21.4041, 0.3127, 0.3290

Same Dimension

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



53.4758, 0.3436, 0.3928



93.7632, 0.3499, 0.4064



50.5844, 0.3232, 0.3971



12.3277, 0.3241, 0.3520



31.5880, 0.3916, 0.5273



1.5194, 0.3977, 0.5224

Inverse Universe

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



32.3385, 0.2767, 0.2593



50.3052, 0.2678, 0.2428



35.0318, 0.2990, 0.2637



10.3677, 0.3007, 0.3053



2.8731, 0.1574, 0.0640



0.1625, 0.1749, 0.0737

Previews

White Background



This preview shows how the Yxy color 53.4734, 0.3436, 0.3928 looks on a white background.

Color Contrast Check

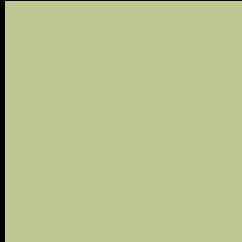
Large Text (above 18pt) WCAG AA × Fail

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 53.4734, 0.3436, 0.3928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

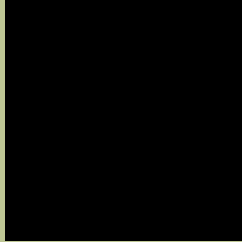
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.4734, 0.3436, 0.3928

Background



This preview shows how black text looks on a background with the Yxy color 53.4734, 0.3436, 0.3928.



This preview shows how white text looks on a background with the Yxy color 53.4734, 0.3436, 0.3928.

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

53.4734, 0.3436, 0.3928

Protanopia

53.4806, 0.3613, 0.3866

Deuteranopia

53.1010, 0.3769, 0.3686



Tritanopia

53.2405, 0.3079, 0.3110

Trichromacy



Original Color

53.4734, 0.3436, 0.3928

Protanomaly

53.5543, 0.3547, 0.3887

Deuteranomaly

53.1751, 0.3644, 0.3773

Tritanomaly

53.2027, 0.3211, 0.3402

Monochromacy



Original Color

53.4734, 0.3436, 0.3928

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.1822, 0.3239, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4734, 0.3436, 0.3928 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(190, 198, 148)` looks like.

```
.text, #text, p{  
    color:rgb(190, 198, 148)  
}
```

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(190, 198, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 198, 148) }
```

Border

The CSS property to change the border of an element to Yxy 53.4734, 0.3436, 0.3928 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(190, 198, 148) }
```

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

```
.border{ border-color:rgb(190, 198, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 198, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 198, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 198, 148);  
box-shadow:4px 4px 4px 4px rgb(190, 198,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4734, 0.3436, 0.3928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 198, 148) }
```

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

```
.background{ background-color: rgb(190,  
198, 148) }
```

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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