

Converting Colors

Yxy(53.9184, 0.3439, 0.4171)

Have a look what the booklet for
Yxy(53.9184, 0.3439, 0.4171)
contains.

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Color

Yxy(53.6936, 0.3436, 0.4164)

Conversions

Conversions Part 1

Format	Color
Hex	B4CA87
RGB	180, 202, 135
RGB Percent	71%, 79%, 53%
CMY	0.2943, 0.2078, 0.4706
CMYK	0.11, 0.00, 0.33, 0.21
HSL	80°, 39%, 66%
HSV	80°, 33%, 79%
XYZ	44.3062, 53.6936, 30.9473
YIQ	187.7840, 8.3950, -25.5010

Conversions

Conversions Part 2

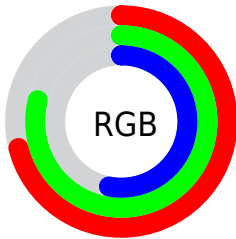
Format	Color
RYB	135, 202, 157
Decimal	11848327
CIELab	78.28, -18.71, 31.06
CIElCh	78, 36.257, 121.060
Yxy	53.6936, 0.3436, 0.4164
Android (android.graphics.Color)	4290038407 (0xFFB4CA87)
YUV	187.7840, -26.0225, -6.8266
Hunter-Lab	73.2759, -20.3029, 26.2526

Details

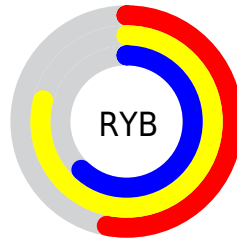
The Yxy color **53.6936, 0.3436, 0.4164** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.7662, 0.2732, 0.2364**, and the grayscale version is **50.3032, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0270, 0.3392, 0.3968**, and **26.2555, 0.3500, 0.4419** is the 20% darker color. If you saturate the color by 10%, you get **52.4008, 0.3518, 0.4441**, and if you desaturate by 10%, it is **55.1375, 0.3346, 0.3888**.

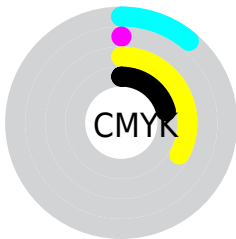
Distribution



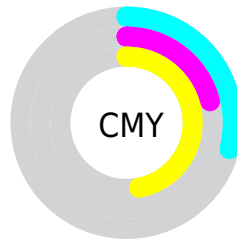
- Red (71%)
- Green (79%)
- Blue (53%)



- Red (53%)
- Yellow (79%)
- Blue (62%)



- Cyan (11%)
- Magenta (0%)
- Yellow (33%)
- Black (21%)



- Cyan (29%)
- Magenta (21%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6936, 0.3436, 0.4164 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 53.6936, 0.3436, 0.4164 by changing the saturation by 10% instead.

 53.6936, 0.3436,
0.4164


 53.6936, 0.3436,
0.4164


400.9405, 0.3296,
0.3725


 38.3568, 0.3466,
0.4273


 95.6242, 0.3389,
0.4005

 26.2597, 0.3500,
0.4412

 122.9868, 0.3370,
0.3945

 17.0180, 0.3541,
0.4594

 155.1267, 0.3354,
0.3894

 10.2473, 0.3585,
0.4843

192.4284, 0.3339,
0.3851

 5.5633, 0.3624,
0.5195

235.2762, 0.3327,
0.3813

 2.5814, 0.3848,
0.6076

284.0546, 0.3315,

 0.9173, 0.3114,

0.3780

0.6886

339.1479, 0.3305,
0.3751

0.0000, 0.0000,
0.0000

53.6936, 0.3436,
0.4164

53.6936, 0.3436,
0.4164

52.4008, 0.3518,
0.4441

55.1375, 0.3346,
0.3888

51.2452, 0.3586,
0.4708

56.7314, 0.3252,
0.3620

50.2220, 0.3636,
0.4953


58.4836, 0.3157,
0.3367

49.3230, 0.3664,
0.5164

60.3995, 0.3064,
0.3132

48.5391, 0.3667,
0.5331

62.4841, 0.2975,
0.2916

 47.8591, 0.3646,
0.5448

 64.6645, 0.2899,
0.2731

 47.4416, 0.3621,
0.5507

 65.7225, 0.2946,
0.2739

 66.8223, 0.2993,
0.2746

 67.9643, 0.3041,
0.2754

Harmonies

Analogous

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



53.6936, 0.3850, 0.4071



53.6936, 0.3436, 0.4164



53.6936, 0.2958, 0.3972

Triad

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



53.6936, 0.3436, 0.4164



53.6936, 0.2255, 0.2709



53.6936, 0.3718, 0.3027

Complementary

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



53.6936, 0.3436, 0.4164



28.7662, 0.2732, 0.2364

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.



53.6936, 0.3244, 0.2724



53.6936, 0.3436, 0.4164



53.6936, 0.2420, 0.2534

Square

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



53.6936, 0.3436, 0.4164



53.6936, 0.2298, 0.3069



53.6936, 0.2770, 0.2546



53.6936, 0.4032, 0.3401

Rectangle

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



53.6936, 0.3436, 0.4164



53.6936, 0.2669, 0.3703



53.6936, 0.2770, 0.2546



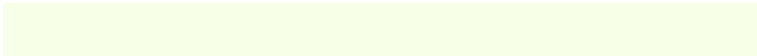
53.6936, 0.3570, 0.2915

Sweetspot

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



53.6960, 0.3436, 0.4164



96.9070, 0.3223, 0.3541



38.1586, 0.3801, 0.3568



20.6539, 0.3236, 0.3578



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.



53.6960, 0.3436, 0.4164



89.2563, 0.3497, 0.4369



50.2283, 0.3173, 0.4241



12.9044, 0.3216, 0.3522



30.5718, 0.3629, 0.5501



1.6173, 0.3742, 0.5411

Inverse Universe

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



28.7662, 0.2732, 0.2364



40.5157, 0.2621, 0.2131



32.5039, 0.3044, 0.2443



11.0204, 0.3033, 0.3054



3.5446, 0.1747, 0.0736



0.2241, 0.1970, 0.0859

Previews

White Background



This preview shows how the Yxy color 53.6936, 0.3436, 0.4164 looks on a white background.

Color Contrast Check

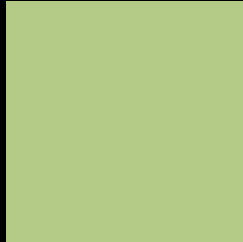
Large Text (above 18pt) WCAG AA × Fail

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 53.6936, 0.3436, 0.4164 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

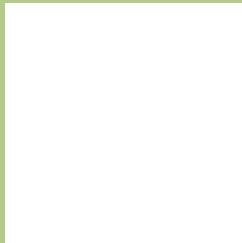
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6936, 0.3436, 0.4164

Background



This preview shows how black text looks on a background with the Yxy color 53.6936, 0.3436, 0.4164.



This preview shows how white text looks on a background with the Yxy color 53.6936, 0.3436, 0.4164.

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

53.6936, 0.3436, 0.4164

Protanopia

53.3339, 0.3748, 0.4042

Deuteranopia

53.2200, 0.3897, 0.3818



Tritanopia

53.6411, 0.2994, 0.3107

Trichromacy



Original Color

53.6936, 0.3436, 0.4164

Protanomaly

53.1516, 0.3632, 0.4090

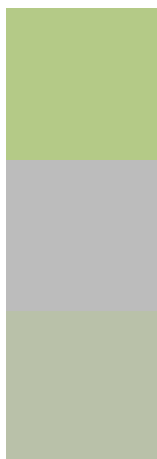
Deuteranomaly

52.9455, 0.3719, 0.3932

Tritanomaly

53.2552, 0.3158, 0.3480

Monochromacy



Original Color

53.6936, 0.3436, 0.4164

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.3188, 0.3243, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6936, 0.3436, 0.4164 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(180, 202, 135)` looks like.

```
.text, #text, p{  
    color:rgb(180, 202, 135)  
}
```

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(180, 202, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 202, 135) }
```

Border

The CSS property to change the border of an element to Yxy 53.6936, 0.3436, 0.4164 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(180, 202, 135) }
```

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

```
.border{ border-color:rgb(180, 202, 135) }
```

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

Here you see how a box with a 4 pixel rgb(180, 202, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 202, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 202, 135);  
box-shadow:4px 4px 4px 4px rgb(180, 202,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6936, 0.3436, 0.4164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 202, 135) }
```

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

```
.background{ background-color: rgb(180,  
202, 135) }
```

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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