

Converting Colors

$Yxy(53.5229, 0.3238, 0.3873)$

Have a look what the booklet for
Yxy(53.5229, 0.3238, 0.3873)
contains.

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Color

Yxy(53.3216, 0.3240, 0.3869)

Conversions

Conversions Part 1

Format	Color
Hex	AFC99D
RGB	175, 201, 157
RGB Percent	69%, 79%, 62%
CMY	0.3137, 0.2118, 0.3843
CMYK	0.13, 0.00, 0.22, 0.21
HSL	95°, 29%, 70%
HSV	95°, 22%, 79%
XYZ	44.6529, 53.3216, 39.8430
YIQ	188.2100, -1.3720, -19.1960

Conversions

Conversions Part 2

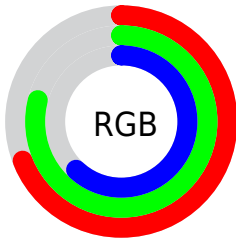
Format	Color
RYB	157, 201, 183
Decimal	11520413
CIELab	78.06, -16.76, 19.13
CIELCh	78, 25.430, 131.220
Yxy	53.3216, 0.3240, 0.3869
Android (android.graphics.Color)	4289710493 (0xFFAFC99D)
YUV	188.2100, -15.3865, -11.5852
Hunter-Lab	73.0216, -18.6348, 18.7645

Details

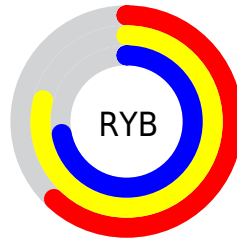
The Yxy color **53.3216, 0.3240, 0.3869** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.4056, 0.2988, 0.2724**, and the grayscale version is **50.5066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2624, 0.3225, 0.3732**, and **26.0249, 0.3267, 0.4046** is the 20% darker color. If you saturate the color by 10%, you get **51.3779, 0.3286, 0.4166**, and if you desaturate by 10%, it is **55.5039, 0.3189, 0.3591**.

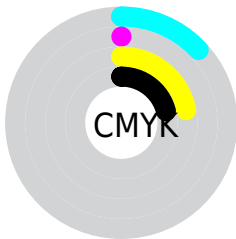
Distribution



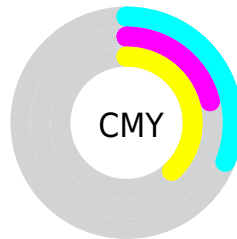
- Red (69%)
- Green (79%)
- Blue (62%)



- Red (62%)
- Yellow (79%)
- Blue (72%)



- Cyan (13%)
- Magenta (0%)
- Yellow (22%)
- Black (21%)



- Cyan (31%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3216, 0.3240, 0.3869 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 53.3216, 0.3240, 0.3869 by changing the saturation by 10% instead.

■ 53.3216, 0.3240,
0.3869

■ 53.3216, 0.3240,
0.3869

399.5178, 0.3190,
0.3578

■ 38.0596, 0.3251,
0.3942

■ 95.0774, 0.3223,
0.3763

■ 26.0289, 0.3263,
0.4036

■ 122.3400, 0.3216,
0.3723

■ 16.8453, 0.3278,
0.4161

154.3716, 0.3210,
0.3689

■ 10.1242, 0.3294,
0.4336

191.5565, 0.3205,
0.3661

■ 5.4814, 0.3310,
0.4594

234.2792, 0.3201,
0.3636

■ 2.5324, 0.3316,
0.5019

282.9240, 0.3197,

■ 0.8928, 0.3299,

0.3614

0.6701

337.8754, 0.3193,
0.3595

0.0000, 0.0000,
0.0000

53.3216, 0.3240,
0.3869

53.3216, 0.3240,
0.3869

51.3779, 0.3286,
0.4166

55.5039, 0.3189,
0.3591

49.6571, 0.3325,
0.4475

57.9259, 0.3137,
0.3335

48.1525, 0.3352,
0.4784


60.5977, 0.3085,
0.3104

46.8540, 0.3364,
0.5079


63.5266, 0.3034,
0.2898


45.7508, 0.3359,
0.5342


66.5564, 0.3002,
0.2737

 44.8308, 0.3334,
0.5558

 68.6400, 0.3088,
0.2751

 44.0800, 0.3290,
0.5715

 70.2548, 0.3152,
0.2762

 43.5773, 0.3247,
0.5804

Harmonies

Analogous

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



53.3216, 0.3556, 0.3882



53.3216, 0.3240, 0.3869



53.3216, 0.2905, 0.3672

Triad

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



53.3216, 0.3240, 0.3869



53.3216, 0.2523, 0.2822



53.3216, 0.3633, 0.3196

Complementary

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



53.3216, 0.3240, 0.3869



38.4056, 0.2988, 0.2724

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.



53.3216, 0.3331, 0.2948



53.3216, 0.3240, 0.3869



53.3216, 0.2695, 0.2734

Square

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



53.3216, 0.3240, 0.3869



53.3216, 0.2503, 0.3045



53.3216, 0.2986, 0.2782



53.3216, 0.3794, 0.3477

Rectangle

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



53.3216, 0.3240, 0.3869



53.3216, 0.2715, 0.3469



53.3216, 0.2986, 0.2782



53.3216, 0.3544, 0.3107

Sweetspot

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



53.3239, 0.3240, 0.3869



96.9567, 0.3164, 0.3466



48.5859, 0.3499, 0.3614



20.6987, 0.3168, 0.3481



0.0000, 0.0000, 0.0000



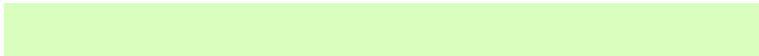
21.4041, 0.3127, 0.3290

Same Dimension

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



53.3239, 0.3240, 0.3869



89.7512, 0.3261, 0.4000



51.5064, 0.3074, 0.3842



12.0961, 0.3176, 0.3524



27.4494, 0.3258, 0.5795



1.3419, 0.3427, 0.5661

Inverse Universe

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



38.4056, 0.2988, 0.2724



59.9621, 0.2954, 0.2599



40.5838, 0.3185, 0.2794



10.5921, 0.3074, 0.3058



5.1637, 0.2220, 0.0997



0.2861, 0.2425, 0.1109

Previews

White Background



This preview shows how the Yxy color 53.3216, 0.3240, 0.3869 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 53.3216, 0.3240, 0.3869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

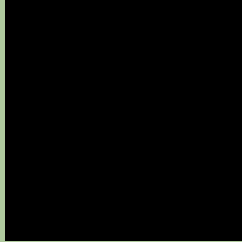
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3216, 0.3240, 0.3869

Background



This preview shows how black text looks on a background with the Yxy color 53.3216, 0.3240, 0.3869.



This preview shows how white text looks on a background with the Yxy color 53.3216, 0.3240, 0.3869.

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

53.3216, 0.3240, 0.3869

Protanopia

52.9783, 0.3543, 0.3771

Deuteranopia

52.9240, 0.3665, 0.3584



Tritanopia

53.2543, 0.2934, 0.3105

Trichromacy



Original Color

53.3216, 0.3240, 0.3869

Protanomaly

52.8326, 0.3432, 0.3809

Deuteranomaly

52.8866, 0.3506, 0.3683

Tritanomaly

53.3535, 0.3045, 0.3379

Monochromacy



Original Color

53.3216, 0.3240, 0.3869

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.3815, 0.3166, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3216, 0.3240, 0.3869 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(175, 201, 157)` looks like.

```
.text, #text, p{  
    color:rgb(175, 201, 157)  
}
```

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(175, 201, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 201, 157) }
```

Border

The CSS property to change the border of an element to Yxy 53.3216, 0.3240, 0.3869 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(175, 201, 157) }
```

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

```
.border{ border-color:rgb(175, 201, 157) }
```

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

Here you see how a box with a 4 pixel rgb(175, 201, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 201, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 201, 157);  
box-shadow:4px 4px 4px 4px rgb(175, 201,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3216, 0.3240, 0.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 201, 157) }
```

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

```
.background{ background-color: rgb(175,  
201, 157) }
```

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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