

Converting Colors

$Yxy(39.5692, 0.3371, 0.3386)$

Have a look what the booklet for
Yxy(39.5692, 0.3371, 0.3386)
contains.

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Color

Yxy(39.5692, 0.3371, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	B8A59E
RGB	184, 165, 158
RGB Percent	72%, 65%, 62%
CMY	0.2784, 0.3529, 0.3805
CMYK	0.00, 0.10, 0.14, 0.28
HSL	16°, 15%, 67%
HSV	16°, 14%, 72%
XYZ	39.3939, 39.5692, 37.8981
YIQ	169.8830, 13.5710, 1.8510

Conversions

Conversions Part 2

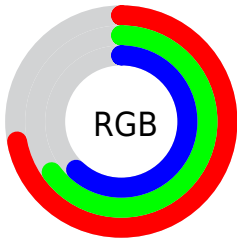
Format	Color
RYB	184, 168, 158
Decimal	12101022
CIELab	69.16, 5.72, 6.14
CIELCh	69, 8.393, 47.069
Yxy	39.5692, 0.3371, 0.3386
Android (android.graphics.Color)	4290291102 (0xFFB8A59E)
YUV	169.8830, -5.8583, 12.3806
Hunter-Lab	62.9041, 1.7042, 8.3121

Details

The Yxy color **39.5692, 0.3371, 0.3386** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.1658, 0.2912, 0.3192**, and the grayscale version is **40.1625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5158, 0.3320, 0.3364**, and **17.6971, 0.3446, 0.3403** is the 20% darker color. If you saturate the color by 10%, you get **34.3894, 0.3584, 0.3459**, and if you desaturate by 10%, it is **45.3566, 0.3192, 0.3317**.

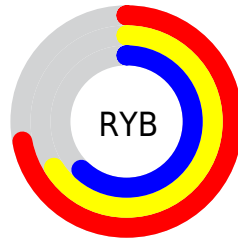
Distribution



Red (72%)

Green (65%)

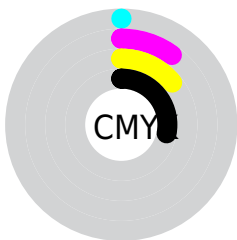
Blue (62%)



Red (72%)

Yellow (66%)

Blue (62%)

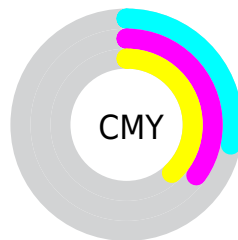


Cyan (0%)

Magenta (10%)

Yellow (14%)

Black (28%)



Cyan (28%)


Magenta (35%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.5692, 0.3371, 0.3386 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 39.5692, 0.3371, 0.3386 by changing the saturation by 10% instead.

 39.5692, 0.3371,
0.3386


 39.5692, 0.3371,
0.3386


344.3045, 0.3245,
0.3338

 27.2028, 0.3404,
0.3398


 74.5071, 0.3324,
0.3368

 17.7256, 0.3447,
0.3414


 97.8473, 0.3307,
0.3362

 10.7532, 0.3505,
0.3434


125.6143, 0.3293,
0.3356

 5.9011, 0.3590,
0.3463

158.1925, 0.3280,
0.3352

 2.7850, 0.3724,
0.3506

195.9662, 0.3270,
0.3347

 1.0206, 0.4003,
0.3610

239.3198, 0.3260,

 0.0000, 1.0000,

0.3344

0.0000

288.6378, 0.3252,
0.3341

0.0000, 0.0000,
0.0000

39.5692, 0.3371,
0.3386

39.5692, 0.3371,
0.3386

34.3894, 0.3584,
0.3459

45.3566, 0.3192,
0.3317

29.7919, 0.3835,
0.3533

51.7651, 0.3043,
0.3253

25.7577, 0.4129,
0.3605

58.8146, 0.2917,
0.3194

22.2644, 0.4465,
0.3668

66.5224, 0.2811,
0.3141

19.2883, 0.4833,
0.3713

74.9052, 0.2722,
0.3092

■ 16.8038, 0.5215,
0.3730

■ 83.0867, 0.2711,
0.3187

■ 14.7828, 0.5578,
0.3707

■ 88.9316, 0.2721,
0.3289

■ 13.1939, 0.5882,
0.3640

■ 12.4443, 0.6032,
0.3592

Harmonies

Analogous

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



39.5692, 0.3326, 0.3280



39.5692, 0.3371, 0.3386



39.5692, 0.3349, 0.3470

Triad

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



39.5692, 0.3371, 0.3386



39.5692, 0.3026, 0.3406



39.5692, 0.2987, 0.3080

Complementary

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



39.5692, 0.3371, 0.3386



42.1658, 0.2912, 0.3192

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.



39.5692, 0.2909, 0.3108



39.5692, 0.3371, 0.3386



39.5692, 0.2932, 0.3296

Square

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



39.5692, 0.3371, 0.3386



39.5692, 0.3148, 0.3484



39.5692, 0.2890, 0.3187



39.5692, 0.3102, 0.3106

Rectangle

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



39.5692, 0.3371, 0.3386



39.5692, 0.3300, 0.3501



39.5692, 0.2890, 0.3187



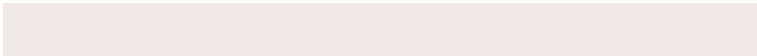
39.5692, 0.2955, 0.3083

Sweetspot

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



39.5710, 0.3371, 0.3386



82.3003, 0.3191, 0.3317



37.8145, 0.3206, 0.3035



17.5641, 0.3203, 0.3322



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



39.5710, 0.3371, 0.3386



68.6622, 0.3434, 0.3409



44.4748, 0.3347, 0.3557



9.3961, 0.3281, 0.3352



8.6778, 0.6011, 0.3609



0.4119, 0.5491, 0.4022

Inverse Universe

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



42.1658, 0.2912, 0.3192



74.2826, 0.2865, 0.3168



37.2972, 0.2906, 0.3008



9.7895, 0.2985, 0.3227



14.3222, 0.2000, 0.2401



0.6015, 0.2072, 0.2657

Previews

White Background



This preview shows how the Yxy color 39.5692, 0.3371, 0.3386 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 39.5692, 0.3371, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

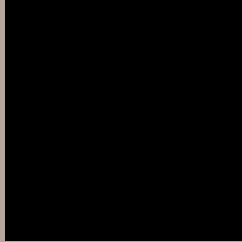
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5692, 0.3371, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 39.5692, 0.3371, 0.3386.



This preview shows how white text looks on a background with the Yxy color 39.5692, 0.3371, 0.3386.

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

39.5692, 0.3371, 0.3386

Protanopia

39.5420, 0.3252, 0.3402

Deuteranopia

39.4818, 0.3424, 0.3358



Tritanopia

39.3749, 0.3239, 0.3118

Trichromacy



Original Color

39.5692, 0.3371, 0.3386

Protanomaly

39.6056, 0.3300, 0.3401

Deuteranomaly

39.5843, 0.3402, 0.3372

Tritanomaly

39.3732, 0.3283, 0.3210

Monochromacy



Original Color

39.5692, 0.3371, 0.3386

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.8724, 0.3209, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5692, 0.3371, 0.3386 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(184, 165, 158)` looks like.

```
.text, #text, p{  
    color:rgb(184, 165, 158)  
}
```

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(184, 165, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 165, 158) }
```

Border

The CSS property to change the border of an element to Yxy 39.5692, 0.3371, 0.3386 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(184, 165, 158) }
```

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

```
.border{ border-color:rgb(184, 165, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 165, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 165, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 165, 158);  
box-shadow:4px 4px 4px 4px rgb(184, 165,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5692, 0.3371, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 165, 158) }
```

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

```
.background{ background-color: rgb(184,  
165, 158) }
```

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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