

Converting Colors

$Yxy(39.5268, 0.3522, 0.3567)$

Have a look what the booklet for
Yxy(39.5268, 0.3522, 0.3567)
contains.

Yxy(39.5194, 0.3521, 0.3562)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.5194, 0.3521, 0.3562)

Conversions

Conversions Part 1

Format	Color
Hex	BBA591
RGB	187, 165, 145
RGB Percent	73%, 65%, 57%
CMY	0.2666, 0.3530, 0.4313
CMYK	0.00, 0.12, 0.22, 0.27
HSL	29°, 24%, 65%
HSV	29°, 22%, 73%
XYZ	39.0645, 39.5194, 32.3633
YIQ	169.2980, 19.5320, -1.5560

Conversions

Conversions Part 2

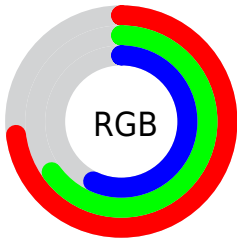
Format	Color
RYB	187, 183, 145
Decimal	12297617
CIELab	69.13, 4.83, 13.30
CIELCh	69, 14.145, 70.040
Yxy	39.5194, 0.3521, 0.3562
Android (android.graphics.Color)	4290487697 (0xFFBBA591)
YUV	169.2980, -11.9789, 15.5247
Hunter-Lab	62.8645, 0.9086, 13.4820

Details

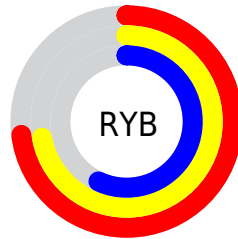
The Yxy color **39.5194, 0.3521, 0.3562** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2636, 0.2777, 0.3002**, and the grayscale version is **39.8871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5430, 0.3448, 0.3511**, and **17.6230, 0.3633, 0.3629** is the 20% darker color. If you saturate the color by 10%, you get **35.5876, 0.3737, 0.3690**, and if you desaturate by 10%, it is **43.8211, 0.3331, 0.3437**.

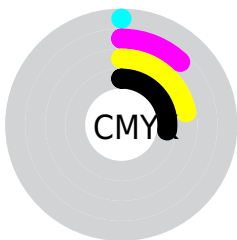
Distribution



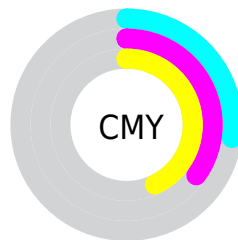
- Red (73%)
- Green (65%)
- Blue (57%)



- Red (73%)
- Yellow (72%)
- Blue (57%)



- Cyan (0%)
- Magenta (12%)
- Yellow (22%)
- Black (27%)





- Cyan (27%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5194, 0.3521, 0.3562 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 39.5194, 0.3521, 0.3562 by changing the saturation by 10% instead.


 39.5194, 0.3521,
0.3562


 39.5194, 0.3521,
0.3562


344.0937, 0.3318,
0.3425

 27.1640, 0.3574,
0.3597


 74.4311, 0.3446,
0.3512

 17.6964, 0.3642,
0.3641


 97.7562, 0.3418,
0.3493

 10.7323, 0.3736,
0.3700


125.5068, 0.3395,
0.3477

 5.8871, 0.3870,
0.3783

158.0670, 0.3375,
0.3464

 2.7766, 0.4076,
0.3903

195.8215, 0.3357,
0.3452

 1.0162, 0.4812,
0.4442

239.1545, 0.3343,


 0.0000, 1.0000,


0.3442


0.0000


288.4504, 0.3329,
0.3433

 0.0000, 0.0000,
0.0000


 39.5194, 0.3521,
0.3562

 39.5194, 0.3521,
0.3562

 35.5876, 0.3737,
0.3690

 43.8211, 0.3331,
0.3437


 32.0097, 0.3978,
0.3816


 48.4974, 0.3165,
0.3318


 28.7760, 0.4243,
0.3933

 53.5600, 0.3020,
0.3207

 25.8747, 0.4523,
0.4030

 59.0181, 0.2895,
0.3104

 23.2927, 0.4808,
0.4095

 64.8808, 0.2786,
0.3009

■ 21.0159, 0.5079,
0.4115

■ 71.0122, 0.2703,
0.2946

■ 19.0286, 0.5320,
0.4083

■ 76.4317, 0.2714,
0.3056

■ 17.7044, 0.5480,
0.4031

■ 82.1602, 0.2724,
0.3164

■ 88.2025, 0.2735,
0.3270

Harmonies

Analogous

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



39.5194, 0.3533, 0.3406



39.5194, 0.3521, 0.3562



39.5194, 0.3401, 0.3651

Triad

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



39.5194, 0.3521, 0.3562



39.5194, 0.2830, 0.3343



39.5194, 0.3035, 0.2966

Complementary

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



39.5194, 0.3521, 0.3562



37.2636, 0.2777, 0.3002

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.



39.5194, 0.2853, 0.2942



39.5194, 0.3521, 0.3562



39.5194, 0.2738, 0.3152

Square

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



39.5194, 0.3521, 0.3562



39.5194, 0.3000, 0.3526



39.5194, 0.2747, 0.3007



39.5194, 0.3247, 0.3070

Rectangle

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



39.5194, 0.3521, 0.3562



39.5194, 0.3278, 0.3656



39.5194, 0.2747, 0.3007



39.5194, 0.2968, 0.2949

Sweetspot

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



39.5212, 0.3521, 0.3562



82.8544, 0.3239, 0.3373



33.6291, 0.3345, 0.2988



18.1348, 0.3249, 0.3380



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



39.5212, 0.3521, 0.3562



67.1776, 0.3625, 0.3626



47.5716, 0.3465, 0.3825



10.2647, 0.3277, 0.3399



12.3379, 0.5460, 0.4046



0.6143, 0.5080, 0.4348

Inverse Universe

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



37.2636, 0.2777, 0.3002



62.4131, 0.2698, 0.2929



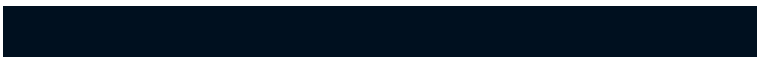
30.2966, 0.2754, 0.2692



10.0309, 0.2984, 0.3178



8.6440, 0.1800, 0.1679



0.4688, 0.1916, 0.2099

Previews

White Background



This preview shows how the Yxy color 39.5194, 0.3521, 0.3562 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 39.5194, 0.3521, 0.3562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

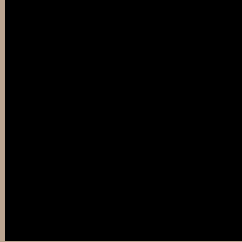
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5194, 0.3521, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 39.5194, 0.3521, 0.3562.



This preview shows how white text looks on a background with the Yxy color 39.5194, 0.3521, 0.3562.

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

39.5194, 0.3521, 0.3562

Protanopia

39.4590, 0.3397, 0.3584

Deuteranopia

39.6072, 0.3577, 0.3517



Tritanopia

39.5832, 0.3307, 0.3133

Trichromacy



Original Color

39.5194, 0.3521, 0.3562

Protanomaly

39.5365, 0.3447, 0.3581

Deuteranomaly

39.7026, 0.3554, 0.3532

Tritanomaly

39.4322, 0.3388, 0.3278

Monochromacy



Original Color

39.5194, 0.3521, 0.3562

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.7734, 0.3271, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5194, 0.3521, 0.3562 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(187, 165, 145)` looks like.

```
.text, #text, p{  
    color:rgb(187, 165, 145)  
}
```

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(187, 165, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 165, 145) }
```

Border

The CSS property to change the border of an element to Yxy 39.5194, 0.3521, 0.3562 is called "border". The border property can be set on classes, ids or directly on the HTML element.

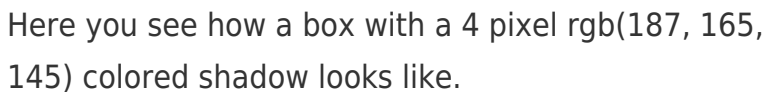
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 165, 145) }
```

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

```
.border{ border-color:rgb(187, 165, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 165, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 165, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 165, 145); box-shadow:4px 4px 4px 4px rgb(187, 165, 145) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5194, 0.3521, 0.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 165, 145) }
```

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

```
.background{ background-color: rgb(187,  
165, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor