

Converting Colors

Yxy(39.6832, 0.3411, 0.3526)

Have a look what the booklet for
Yxy(39.6832, 0.3411, 0.3526)
contains.

Yxy(39.6632, 0.3411, 0.3525)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.6632, 0.3411, 0.3525)

Conversions

Conversions Part 1

Format	Color
Hex	B5A796
RGB	181, 167, 150
RGB Percent	71%, 65%, 59%
CMY	0.2901, 0.3451, 0.4119
CMYK	0.00, 0.08, 0.17, 0.29
HSL	33°, 17%, 65%
HSV	33°, 17%, 71%
XYZ	38.3805, 39.6632, 34.4760
YIQ	169.2480, 13.8010, -2.3190

Conversions

Conversions Part 2

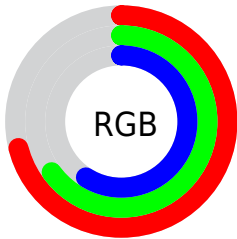
Format	Color
RYB	176, 181, 150
Decimal	11904918
CIELab	69.23, 2.20, 10.63
CIElCh	69, 10.855, 78.299
Yxy	39.6632, 0.3411, 0.3525
Android (android.graphics.Color)	4290094998 (0xFFB5A796)
YUV	169.2480, -9.4893, 10.3065
Hunter-Lab	62.9787, -1.4314, 11.6284

Details

The Yxy color **39.6632, 0.3411, 0.3525** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.3647, 0.2861, 0.3043**, and the grayscale version is **39.8489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6067, 0.3357, 0.3482**, and **17.7515, 0.3502, 0.3597** is the 20% darker color. If you saturate the color by 10%, you get **36.2261, 0.3605, 0.3670**, and if you desaturate by 10%, it is **43.3831, 0.3238, 0.3385**.

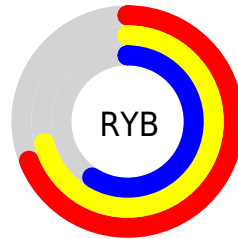
Distribution



Red (71%)

Green (65%)

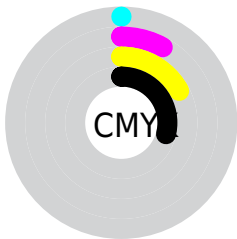
Blue (59%)



Red (69%)

Yellow (71%)

Blue (59%)

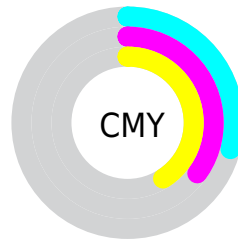


Cyan (0%)

Magenta (8%)

Yellow (17%)

Black (29%)



Cyan (29%)


Magenta (35%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6632, 0.3411, 0.3525 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 39.6632, 0.3411, 0.3525 by changing the saturation by 10% instead.


 39.6632, 0.3411,
0.3525


 39.6632, 0.3411,
0.3525


344.7020, 0.3265,
0.3405

 27.2760, 0.3449,
0.3556


 74.6504, 0.3357,
0.3481

 17.7806, 0.3498,
0.3595


 98.0192, 0.3337,
0.3465

 10.7926, 0.3565,
0.3649


125.8173, 0.3320,
0.3451

 5.9276, 0.3662,
0.3725

158.4292, 0.3306,
0.3439

 2.8011, 0.3811,
0.3841

196.2392, 0.3293,
0.3429

 1.0288, 0.4262,
0.4222

239.6317, 0.3283,

 0.0000, 0.0000,

0.3420

0.0000

288.9912, 0.3273,
0.3412

■ 39.6632, 0.3411,
0.3525

■ 39.6632, 0.3411,
0.3525

■ 36.2261, 0.3605,
0.3670

■ 43.3831, 0.3238,
0.3385

■ 33.0589, 0.3820,
0.3816

■ 47.3878, 0.3086,
0.3253

■ 30.1555, 0.4053,
0.3956

■ 51.6859, 0.2951,
0.3130

■ 27.5072, 0.4301,
0.4081

■ 56.2841, 0.2834,
0.3016

■ 25.1049, 0.4553,
0.4181

■ 61.1888, 0.2730,
0.2911

■ 22.9388, 0.4798,
0.4242

■ 66.1731, 0.2659,
0.2853

■ 20.9976, 0.5020,
0.4256

■ 70.4657, 0.2669,
0.2947

■ 19.2671, 0.5210,
0.4218

■ 74.9695, 0.2679,
0.3040

■ 18.8060, 0.5263,
0.4203

■ 79.6873, 0.2689,
0.3131

Harmonies

Analogous

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



39.6632, 0.3444, 0.3418



39.6632, 0.3411, 0.3525



39.6632, 0.3301, 0.3572

Triad

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



39.6632, 0.3411, 0.3525



39.6632, 0.2872, 0.3290



39.6632, 0.3101, 0.3056

Complementary

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



39.6632, 0.3411, 0.3525



36.3647, 0.2861, 0.3043

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.



39.6632, 0.2951, 0.3020



39.6632, 0.3411, 0.3525



39.6632, 0.2821, 0.3150

Square

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



39.6632, 0.3411, 0.3525



39.6632, 0.2990, 0.3435



39.6632, 0.2849, 0.3052



39.6632, 0.3262, 0.3151

Rectangle

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



39.6632, 0.3411, 0.3525



39.6632, 0.3201, 0.3559



39.6632, 0.2849, 0.3052



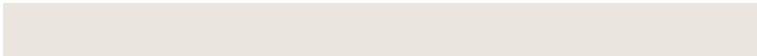
39.6632, 0.3048, 0.3037

Sweetspot

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



39.6650, 0.3411, 0.3525



79.1223, 0.3205, 0.3357



34.3272, 0.3305, 0.3091



16.9966, 0.3216, 0.3367



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.6650, 0.3411, 0.3525



68.3782, 0.3490, 0.3586



44.9555, 0.3371, 0.3710



9.2521, 0.3274, 0.3415



13.1024, 0.5246, 0.4216



0.5269, 0.4879, 0.4508

Inverse Universe

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



36.3647, 0.2861, 0.3043



61.2352, 0.2793, 0.2976



31.7218, 0.2861, 0.2835



8.8409, 0.2985, 0.3162



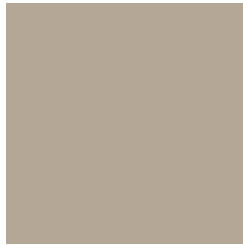
6.5646, 0.1735, 0.1445



0.3236, 0.1887, 0.1992

Previews

White Background



This preview shows how the Yxy color 39.6632, 0.3411, 0.3525 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 39.6632, 0.3411, 0.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

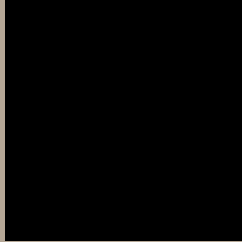
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

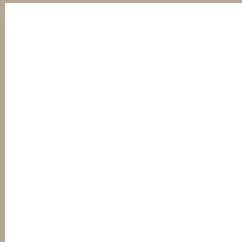
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.6632, 0.3411, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 39.6632, 0.3411, 0.3525.



This preview shows how white text looks on a background with the Yxy color 39.6632, 0.3411, 0.3525.

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

39.6632, 0.3411, 0.3525

Protanopia

39.8404, 0.3349, 0.3541

Deuteranopia

39.6352, 0.3519, 0.3451



Tritanopia

39.5193, 0.3210, 0.3117

Trichromacy



Original Color

39.6632, 0.3411, 0.3525

Protanomaly

39.7046, 0.3370, 0.3526

Deuteranomaly

39.4767, 0.3477, 0.3466

Tritanomaly

39.4082, 0.3281, 0.3250

Monochromacy



Original Color

39.6632, 0.3411, 0.3525

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.4981, 0.3225, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6632, 0.3411, 0.3525 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(181, 167, 150)` looks like.

```
.text, #text, p{  
    color:rgb(181, 167, 150)  
}
```

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(181, 167, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 167, 150) }
```

Border

The CSS property to change the border of an element to Yxy 39.6632, 0.3411, 0.3525 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(181, 167, 150) }
```

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

```
.border{ border-color:rgb(181, 167, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 167, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 167, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 167, 150);  
box-shadow:4px 4px 4px 4px rgb(181, 167,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6632, 0.3411, 0.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 167, 150) }
```

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

```
.background{ background-color: rgb(181,  
167, 150) }
```

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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