

Converting Colors

$Yxy(44.3239, 0.3311, 0.3532)$

Have a look what the booklet for
Yxy(44.3239, 0.3311, 0.3532)
contains.

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Color

Yxy(44.3239, 0.3311, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	B6B2A0
RGB	182, 178, 160
RGB Percent	71%, 70%, 63%
CMY	0.2864, 0.3019, 0.3726
CMYK	0.00, 0.02, 0.12, 0.29
HSL	49°, 13%, 67%
HSV	49°, 12%, 71%
XYZ	41.5505, 44.3239, 39.6179
YIQ	177.1440, 8.1620, -4.7500

Conversions

Conversions Part 2

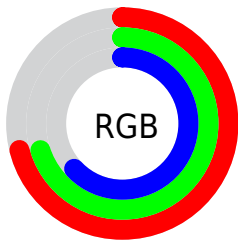
Format	Color
RYB	165, 182, 160
Decimal	11973280
CIELab	72.44, -1.75, 9.71
CIELCh	72, 9.865, 100.227
Yxy	44.3239, 0.3311, 0.3532
Android (android.graphics.Color)	4290163360 (0xFFB6B2A0)
YUV	177.1440, -8.4520, 4.2587
Hunter-Lab	66.5762, -5.1057, 11.3212

Details

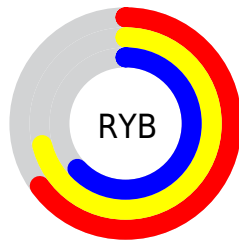
The Yxy color $44.3239, 0.3311, 0.3532$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $37.3793, 0.2940, 0.3036$, and the grayscale version is $44.0865, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.9291, 0.3275, 0.3487$, and $20.4385, 0.3360, 0.3586$ is the 20% darker color. If you saturate the color by 10%, you get $42.4477, 0.3474, 0.3740$, and if you desaturate by 10%, it is $46.3283, 0.3158, 0.3331$.

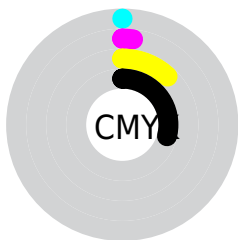
Distribution



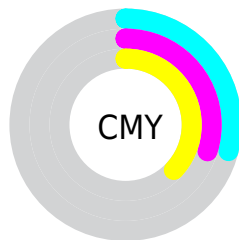
- Red (71%)
- Green (70%)
- Blue (63%)



- Red (65%)
- Yellow (71%)
- Blue (63%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)
- Black (29%)





- Cyan (29%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3239, 0.3311, 0.3532 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 44.3239, 0.3311, 0.3532 by changing the saturation by 10% instead.


 44.3239, 0.3311,
0.3532

 44.3239, 0.3311,
0.3532


364.0284, 0.3219,
0.3410

 30.9252, 0.3334,
0.3563


 81.7049, 0.3277,
0.3487

 20.5419, 0.3364,
0.3603


 106.4560, 0.3265,
0.3470

 12.7896, 0.3404,
0.3657


135.7601, 0.3254,
0.3456

 7.2838, 0.3460,
0.3734

170.0015, 0.3245,
0.3444

 3.6402, 0.3544,
0.3850

209.5647, 0.3237,
0.3434

 1.4744, 0.3689,
0.4053

254.8339, 0.3230,

 0.2706, 0.4421,

0.3425

0.5579

306.1937, 0.3224,
0.3417

0.0000, 0.0000,
0.0000

44.3239, 0.3311,
0.3532

44.3239, 0.3311,
0.3532

42.4477, 0.3474,
0.3740

46.3283, 0.3158,
0.3331

40.6896, 0.3644,
0.3949

48.4590, 0.3016,
0.3139

39.0471, 0.3816,
0.4151

50.7219, 0.2885,
0.2960

37.5151, 0.3985,
0.4339

53.1204, 0.2767,
0.2794

36.0884, 0.4144,
0.4503

55.6580, 0.2660,
0.2641

■ 34.7610, 0.4286,
0.4631

■ 57.3914, 0.2641,
0.2639

■ 33.5260, 0.4404,
0.4719

■ 58.9006, 0.2645,
0.2677

■ 32.3755, 0.4494,
0.4760

■ 60.4423, 0.2650,
0.2715

■ 31.5113, 0.4551,
0.4769

■ 62.0166, 0.2654,
0.2754

Harmonies

Analogous

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



44.3239, 0.3391, 0.3475



44.3239, 0.3311, 0.3532



44.3239, 0.3183, 0.3522

Triad

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



44.3239, 0.3311, 0.3532



44.3239, 0.2864, 0.3199



44.3239, 0.3209, 0.3141

Complementary

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



44.3239, 0.3311, 0.3532



37.3793, 0.2940, 0.3036

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.



44.3239, 0.3067, 0.3070



44.3239, 0.3311, 0.3532



44.3239, 0.2870, 0.3100

Square

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



44.3239, 0.3311, 0.3532



44.3239, 0.2926, 0.3326



44.3239, 0.2943, 0.3054



44.3239, 0.3331, 0.3250

Rectangle

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



44.3239, 0.3311, 0.3532



44.3239, 0.3088, 0.3478



44.3239, 0.2943, 0.3054



44.3239, 0.3162, 0.3112

Sweetspot

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



44.3258, 0.3311, 0.3532



83.2842, 0.3187, 0.3370



37.7605, 0.3304, 0.3236



18.3335, 0.3199, 0.3385



93.3107, 0.3127, 0.3290



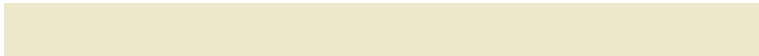
18.7317, 0.3127, 0.3290

Same Dimension

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



44.3258, 0.3311, 0.3532



79.6391, 0.3345, 0.3576



45.0957, 0.3243, 0.3589



10.2212, 0.3268, 0.3476



22.3497, 0.4546, 0.4773



0.8606, 0.4440, 0.4857

Inverse Universe

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



37.3793, 0.2940, 0.3036



65.0075, 0.2904, 0.2986



36.7243, 0.3002, 0.2985



8.9738, 0.2984, 0.3097



3.2146, 0.1551, 0.0782



0.1936, 0.1673, 0.1222

Previews

White Background



This preview shows how the Yxy color 44.3239, 0.3311, 0.3532 looks on a white background.

Color Contrast Check

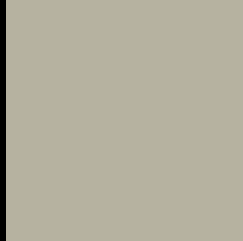
Large Text (above 18pt) WCAG AA × Fail

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 44.3239, 0.3311, 0.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

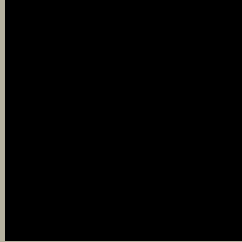
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

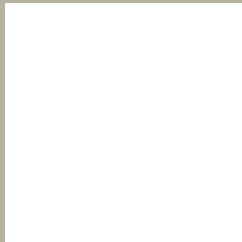
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3239, 0.3311, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 44.3239, 0.3311, 0.3532.



This preview shows how white text looks on a background with the Yxy color 44.3239, 0.3311, 0.3532.

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

44.3239, 0.3311, 0.3532

Protanopia

44.2618, 0.3349, 0.3530

Deuteranopia

44.1165, 0.3493, 0.3418



Tritanopia

44.3420, 0.3118, 0.3110

Trichromacy



Original Color

44.3239, 0.3311, 0.3532

Protanomaly

44.1378, 0.3340, 0.3531

Deuteranomaly

44.3146, 0.3421, 0.3460

Tritanomaly

44.1886, 0.3191, 0.3251

Monochromacy



Original Color

44.3239, 0.3311, 0.3532

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.9683, 0.3194, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3239, 0.3311, 0.3532 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(182, 178, 160)` looks like.

```
.text, #text, p{  
    color:rgb(182, 178, 160)  
}
```

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(182, 178, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 178, 160) }
```

Border

The CSS property to change the border of an element to Yxy 44.3239, 0.3311, 0.3532 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(182, 178, 160) }
```

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

```
.border{ border-color:rgb(182, 178, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 178, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 178, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 178, 160);  
box-shadow:4px 4px 4px 4px rgb(182, 178,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3239, 0.3311, 0.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 178, 160) }
```

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

```
.background{ background-color: rgb(182,  
178, 160) }
```

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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