

Converting Colors

$Y_{xy}(43.5276, 0.3600, 0.4135)$

Have a look what the booklet for
Yxy(43.5276, 0.3600, 0.4135)
contains.

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Color

Yxy(43.3215, 0.3601, 0.4129)

Conversions

Conversions Part 1

Format	Color
Hex	B1B477
RGB	177, 180, 119
RGB Percent	69%, 71%, 47%
CMY	0.3059, 0.2941, 0.5334
CMYK	0.02, 0.00, 0.34, 0.29
HSL	63°, 29%, 59%
HSV	63°, 34%, 71%
XYZ	37.7817, 43.3215, 23.8169
YIQ	172.1490, 17.7930, -19.6070

Conversions

Conversions Part 2

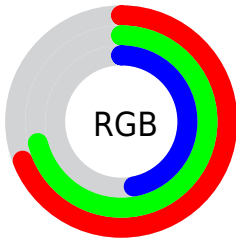
Format	Color
RYB	119, 180, 122
Decimal	11646071
CIELab	71.77, -10.69, 30.83
CIElCh	72, 32.630, 109.133
Yxy	43.3215, 0.3601, 0.4129
Android (android.graphics.Color)	4289836151 (0xFFB1B477)
YUV	172.1490, -26.2025, 4.2543
Hunter-Lab	65.8191, -12.7201, 24.6191

Details

The Yxy color **43.3215, 0.3601, 0.4129** is a light color, and the websafe version is hex **999966**. A complement of this color would be **20.6212, 0.2556, 0.2306**, and the grayscale version is **41.4630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2931, 0.3515, 0.3972**, and **19.8194, 0.3722, 0.4383** is the 20% darker color. If you saturate the color by 10%, you get **42.8275, 0.3732, 0.4367**, and if you desaturate by 10%, it is **43.9020, 0.3462, 0.3880**.

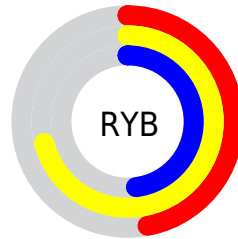
Distribution



Red (69%)

Green (71%)

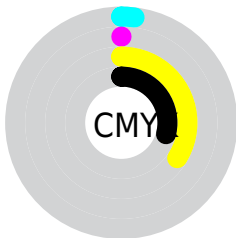
Blue (47%)



Red (47%)

Yellow (71%)

Blue (48%)

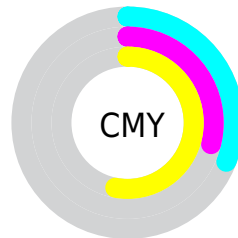


Cyan (2%)

Magenta (0%)

Yellow (34%)

Black (29%)



Cyan (31%)


Magenta (29%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3215, 0.3601, 0.4129 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 43.3215, 0.3601, 0.4129 by changing the saturation by 10% instead.

 43.3215, 0.3601,
0.4129


 43.3215, 0.3601,
0.4129


359.9323, 0.3371,
0.3699


 30.1375, 0.3655,
0.4238


 80.1958, 0.3520,
0.3971

 19.9429, 0.3720,
0.4378

 104.6548, 0.3488,
0.3912

 12.3536, 0.3802,
0.4563


 133.6410, 0.3462,
0.3863

 6.9850, 0.3900,
0.4815

167.5386, 0.3438,
0.3820

 3.4527, 0.4056,
0.5233

206.7322, 0.3418,
0.3784

 1.3724, 0.4179,
0.5821

251.6061, 0.3400,

 0.1962, 0.0000,

0.3752

1.0000

302.5446, 0.3385,
0.3724

0.0000, 0.0000,
0.0000

43.3215, 0.3601,
0.4129

43.3215, 0.3601,
0.4129

42.8275, 0.3732,
0.4367

43.9020, 0.3462,
0.3880

42.4095, 0.3850,
0.4584

44.5674, 0.3321,
0.3629

42.0643, 0.3949,
0.4772


45.3237, 0.3181,
0.3383


41.7862, 0.4024,
0.4921


46.1745, 0.3046,
0.3148

41.5687, 0.4075,
0.5029

47.1234, 0.2918,
0.2926


 41.4039, 0.4100,
0.5094

 48.1737, 0.2798,
0.2721

 41.3189, 0.4108,
0.5120

 49.3287, 0.2688,
0.2532

 50.0662, 0.2634,
0.2435

 50.1760, 0.2640,
0.2436

Harmonies

Analogous

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



43.3215, 0.3942, 0.3951



43.3215, 0.3601, 0.4129



43.3215, 0.3148, 0.4055

Triad

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



43.3215, 0.3601, 0.4129



43.3215, 0.2274, 0.2848



43.3215, 0.3526, 0.2907

Complementary

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



43.3215, 0.3601, 0.4129



20.6212, 0.2556, 0.2306

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.



43.3215, 0.3050, 0.2655



43.3215, 0.3601, 0.4129



43.3215, 0.2355, 0.2603

Square

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



43.3215, 0.3601, 0.4129



43.3215, 0.2397, 0.3254



43.3215, 0.2628, 0.2543



43.3215, 0.3908, 0.3251

Rectangle

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



43.3215, 0.3601, 0.4129



43.3215, 0.2846, 0.3853



43.3215, 0.2628, 0.2543



43.3215, 0.3370, 0.2810

Sweetspot

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



43.3235, 0.3601, 0.4129



81.2967, 0.3268, 0.3537



24.7139, 0.3897, 0.3322



17.5311, 0.3287, 0.3571



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.



43.3235, 0.3601, 0.4129



77.8356, 0.3704, 0.4316



40.2217, 0.3325, 0.4211



9.8849, 0.3256, 0.3516



28.8449, 0.4109, 0.5119



0.9140, 0.4134, 0.5100

Inverse Universe

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



20.6212, 0.2556, 0.2306



30.1240, 0.2398, 0.2038



23.1146, 0.2855, 0.2383



8.2494, 0.2992, 0.3055



2.3485, 0.1519, 0.0610



0.0805, 0.1598, 0.0654

Previews

White Background



This preview shows how the Yxy color 43.3215, 0.3601, 0.4129 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 43.3215, 0.3601, 0.4129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

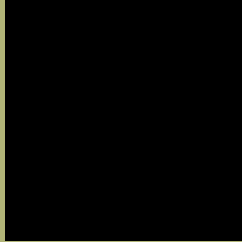
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3215, 0.3601, 0.4129

Background



This preview shows how black text looks on a background with the Yxy color 43.3215, 0.3601, 0.4129.



This preview shows how white text looks on a background with the Yxy color 43.3215, 0.3601, 0.4129.

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

43.3215, 0.3601, 0.4129

Protanopia

43.4114, 0.3769, 0.4068

Deuteranopia

43.1120, 0.3951, 0.3863



Tritanopia

43.3221, 0.3135, 0.3121

Trichromacy



Original Color

43.3215, 0.3601, 0.4129

Protanomaly

43.1914, 0.3708, 0.4081

Deuteranomaly

42.8913, 0.3822, 0.3951

Tritanomaly

43.1782, 0.3308, 0.3479

Monochromacy



Original Color

43.3215, 0.3601, 0.4129

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.9585, 0.3302, 0.3595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3215, 0.3601, 0.4129 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(177, 180, 119)` looks like.

```
.text, #text, p{  
    color:rgb(177, 180, 119)  
}
```

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(177, 180, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 180, 119) }
```

Border

The CSS property to change the border of an element to Yxy 43.3215, 0.3601, 0.4129 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(177, 180, 119) }
```

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

```
.border{ border-color:rgb(177, 180, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 180, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 180, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 180, 119);  
box-shadow:4px 4px 4px 4px rgb(177, 180,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3215, 0.3601, 0.4129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 180, 119) }
```

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

```
.background{ background-color: rgb(177,  
180, 119) }
```

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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