

Converting Colors

Yxy(43.3383, 0.3041, 0.4422)

Have a look what the booklet for
Yxy(43.3383, 0.3041, 0.4422)
contains.

Yxy(43.2334, 0.3038, 0.4419)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.2334, 0.3038, 0.4419)

Conversions

Conversions Part 1

Format	Color
Hex	74C179
RGB	116, 193, 121
RGB Percent	45%, 76%, 47%
CMY	0.5452, 0.2431, 0.5253
CMYK	0.40, 0.00, 0.37, 0.24
HSL	124°, 38%, 61%
HSV	124°, 40%, 76%
XYZ	29.7224, 43.2334, 24.8795
YIQ	161.7690, -22.7800, -38.7160

Conversions

Conversions Part 2

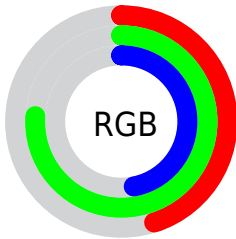
Format	Color
RYB	116, 188, 193
Decimal	7651705
CIELab	71.71, -38.69, 28.96
CIElCh	72, 48.331, 143.190
Yxy	43.2334, 0.3038, 0.4419
Android (android.graphics.Color)	4285841785 (0xFF74C179)
YUV	161.7690, -20.0991, -40.1394
Hunter-Lab	65.7521, -34.3777, 23.5921

Details

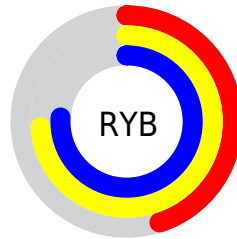
The Yxy color **43.2334, 0.3038, 0.4419** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **27.4502, 0.3226, 0.2374**, and the grayscale version is **36.1204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0851, 0.3067, 0.4190**, and **19.9443, 0.2980, 0.4810** is the 20% darker color. If you saturate the color by 10%, you get **41.6455, 0.3017, 0.4757**, and if you desaturate by 10%, it is **45.1823, 0.3060, 0.4095**.

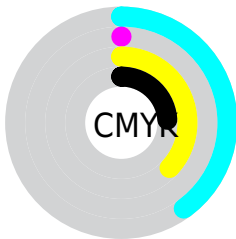
Distribution



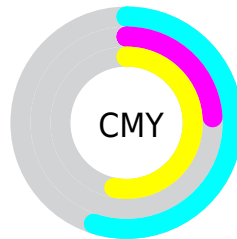
- Red (45%)
- Green (76%)
- Blue (47%)



- Red (45%)
- Yellow (74%)
- Blue (76%)



- Cyan (40%)
- Magenta (0%)
- Yellow (37%)
- Black (24%)




- Cyan (55%)
- Magenta (24%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2334, 0.3038, 0.4419 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 43.2334, 0.3038, 0.4419 by changing the saturation by 10% instead.

 43.2334, 0.3038,
0.4419

 43.2334, 0.3038,
0.4419


359.5707, 0.3103,
0.3814

 30.0683, 0.3014,
0.4583


 80.0630, 0.3067,
0.4190

 19.8904, 0.2978,
0.4800


 104.4962, 0.3076,
0.4106

 12.3154, 0.2920,
0.5101


 133.4542, 0.3083,
0.4037

 6.9589, 0.2818,
0.5541

167.3215, 0.3089,
0.3979

 3.4364, 0.2640,
0.6278

206.4824, 0.3094,
0.3928

 1.3636, 0.1743,
0.8257

251.3213, 0.3097,

 0.1897, 0.0000,

0.3885

1.0000

302.2226, 0.3100,
0.3847

0.0000, 0.0000,
0.0000

43.2334, 0.3038,
0.4419

43.2334, 0.3038,
0.4419

41.6455, 0.3017,
0.4757

45.1823, 0.3060,
0.4095

40.3915, 0.3000,
0.5092

47.5068, 0.3083,
0.3795

39.4490, 0.2989,
0.5401


50.2271, 0.3106,
0.3526


38.7907, 0.2984,
0.5659


53.3604, 0.3127,
0.3288


38.3844, 0.2985,
0.5847


56.9231, 0.3147,
0.3081

 38.1726, 0.2989,
0.5960

 60.9304, 0.3165,
0.2902

 38.1711, 0.2989,
0.5960

 65.3969, 0.3182,
0.2748

 66.6228, 0.3156,
0.2683

Harmonies

Analogous

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



43.2334, 0.3704, 0.4550



43.2334, 0.3038, 0.4419



43.2334, 0.2431, 0.3843

Triad

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



43.2334, 0.3038, 0.4419



43.2334, 0.2065, 0.2274



43.2334, 0.4344, 0.3275

Complementary

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



43.2334, 0.3038, 0.4419



27.4502, 0.3226, 0.2374

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.



43.2334, 0.3802, 0.2795



43.2334, 0.3038, 0.4419



43.2334, 0.2470, 0.2243

Square

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



43.2334, 0.3038, 0.4419



43.2334, 0.1916, 0.2561



43.2334, 0.3094, 0.2430



43.2334, 0.4502, 0.3796

Rectangle

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



43.2334, 0.3038, 0.4419



43.2334, 0.2139, 0.3353



43.2334, 0.3094, 0.2430



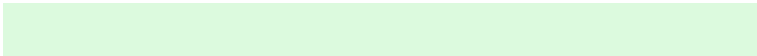
43.2334, 0.4198, 0.3107

Sweetspot

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



43.2352, 0.3038, 0.4419



88.7788, 0.3101, 0.3584



50.2417, 0.3683, 0.4279



18.9045, 0.3098, 0.3619



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.2352, 0.3038, 0.4419



74.8812, 0.3020, 0.4718



44.3341, 0.2796, 0.3817



11.2693, 0.3107, 0.3512



25.3908, 0.2986, 0.5951



1.1008, 0.2937, 0.5774

Inverse Universe

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



27.4502, 0.3226, 0.2374



42.6681, 0.3251, 0.2189



26.0447, 0.3665, 0.2825



10.2357, 0.3148, 0.3078



9.7453, 0.3380, 0.1635



0.4246, 0.3338, 0.1612

Previews

White Background



This preview shows how the Yxy color 43.2334, 0.3038, 0.4419 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 43.2334, 0.3038, 0.4419 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 43.2334, 0.3038, 0.4419

Background



This preview shows how black text looks on a background with the Yxy color 43.2334, 0.3038, 0.4419.



This preview shows how white text looks on a background with the Yxy color 43.2334, 0.3038, 0.4419.

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

43.2334, 0.3038, 0.4419

Protanopia

42.8220, 0.3789, 0.4097

Deuteranopia

42.4351, 0.3880, 0.3796



Tritanopia

43.2637, 0.2633, 0.3091

Trichromacy



Original Color

43.2334, 0.3038, 0.4419



Protanomaly

42.5268, 0.3478, 0.4221



Deuteranomaly

41.5300, 0.3537, 0.4005



Tritanomaly

42.8785, 0.2778, 0.3542

Monochromacy



Original Color

43.2334, 0.3038, 0.4419



Achromatopsia

36.1307, 0.3127, 0.3290



Achromatomaly

38.0135, 0.3091, 0.3685

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2334, 0.3038, 0.4419 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(116, 193, 121)` looks like.

```
.text, #text, p{  
    color:rgb(116, 193, 121)  
}
```

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(116, 193, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 193, 121) }
```

Border

The CSS property to change the border of an element to Yxy 43.2334, 0.3038, 0.4419 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(116, 193, 121) }
```

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

```
.border{ border-color:rgb(116, 193, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 193, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 193, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 193, 121);  
box-shadow:4px 4px 4px 4px rgb(116, 193,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2334, 0.3038, 0.4419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 193, 121) }
```

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

```
.background{ background-color: rgb(116,  
193, 121) }
```

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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