

Converting Colors

$Yxy(43.2149, 0.3805, 0.4478)$

Have a look what the booklet for
Yxy(43.2149, 0.3805, 0.4478)
contains.

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Color

Yxy(43.2854, 0.3810, 0.4479)

Conversions

Conversions Part 1

Format	Color
Hex	B2B55C
RGB	178, 181, 92
RGB Percent	70%, 71%, 36%
CMY	0.3018, 0.2902, 0.6393
CMYK	0.02, 0.00, 0.49, 0.29
HSL	62°, 38%, 54%
HSV	62°, 49%, 71%
XYZ	36.8201, 43.2854, 16.5352
YIQ	169.9570, 26.7810, -28.3150

Conversions

Conversions Part 2

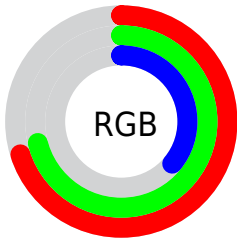
Format	Color
RYB	92, 181, 95
Decimal	11711836
CIELab	71.75, -13.74, 44.59
CIELCh	72, 46.654, 107.122
Yxy	43.2854, 0.3810, 0.4479
Android (android.graphics.Color)	4289901916 (0xFFB2B55C)
YUV	169.9570, -38.4328, 7.0537
Hunter-Lab	65.7916, -15.2383, 31.1530

Details

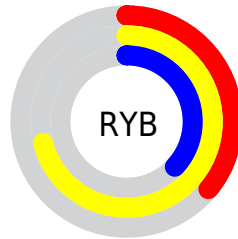
The Yxy color **43.2854, 0.3810, 0.4479** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **13.4179, 0.2230, 0.1772**, and the grayscale version is **40.3632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2442, 0.3700, 0.4268**, and **19.8165, 0.3950, 0.4801** is the 20% darker color. If you saturate the color by 10%, you get **42.9366, 0.3921, 0.4679**, and if you desaturate by 10%, it is **43.7141, 0.3682, 0.4253**.

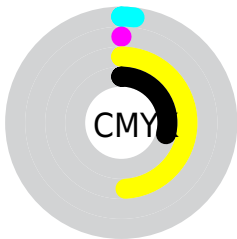
Distribution



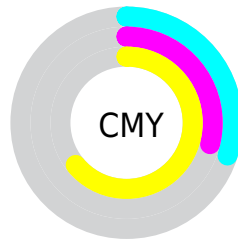
- Red (70%)
- Green (71%)
- Blue (36%)



- Red (36%)
- Yellow (71%)
- Blue (37%)



- Cyan (2%)
- Magenta (0%)
- Yellow (49%)
- Black (29%)




- Cyan (30%)
- Magenta (29%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2854, 0.3810, 0.4479 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 43.2854, 0.3810, 0.4479 by changing the saturation by 10% instead.


 43.2854, 0.3810,
0.4479


 43.2854, 0.3810,
0.4479

359.7842, 0.3490,
0.3876

 30.1091, 0.3878,
0.4625

 80.1414, 0.3702,
0.4262


 19.9214, 0.3955,
0.4808


 104.5898, 0.3658,
0.4179

 12.3379, 0.4039,
0.5038


 133.5645, 0.3621,
0.4109

 6.9743, 0.4122,
0.5335

 167.4497, 0.3588,
0.4049

 3.4460, 0.4218,
0.5782

206.6299, 0.3559,
0.3997

 1.3688, 0.3973,
0.6027

251.4894, 0.3533,

 0.1935, 0.0000,

0.3952

1.0000

302.4127, 0.3510,
0.3912

■ 0.0000, 0.0000,
0.0000

■ 43.2854, 0.3810,
0.4479

■ 43.2854, 0.3810,
0.4479

■ 42.9366, 0.3921,
0.4679

■ 43.7141, 0.3682,
0.4253

■ 42.6562, 0.4011,
0.4844

■ 44.2217, 0.3544,
0.4011

■ 42.4401, 0.4076,
0.4968


■ 44.8147, 0.3400,
0.3761

■ 42.2809, 0.4116,
0.5050


■ 45.4972, 0.3256,
0.3512


■ 42.1652, 0.4134,
0.5095


■ 46.2732, 0.3116,
0.3271

 42.1562, 0.4135,
0.5098

 47.1464, 0.2982,
0.3041

 48.1202, 0.2856,
0.2826

 49.1978, 0.2739,
0.2628

 50.3826, 0.2631,
0.2446

Harmonies

Analogous

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



43.2854, 0.4290, 0.4161



43.2854, 0.3810, 0.4479



43.2854, 0.3176, 0.4440

Triad

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



43.2854, 0.3810, 0.4479



43.2854, 0.1955, 0.2676



43.2854, 0.3646, 0.2728

Complementary

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



43.2854, 0.3810, 0.4479



13.4179, 0.2230, 0.1772

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.



43.2854, 0.2962, 0.2404



43.2854, 0.3810, 0.4479



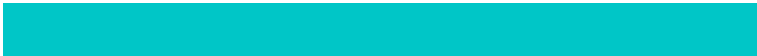
43.2854, 0.2047, 0.2342

Square

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



43.2854, 0.3810, 0.4479



43.2854, 0.2128, 0.3262



43.2854, 0.2393, 0.2262



43.2854, 0.4220, 0.3178

Rectangle

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



43.2854, 0.3810, 0.4479



43.2854, 0.2753, 0.4159



43.2854, 0.2393, 0.2262



43.2854, 0.3417, 0.2603

Sweetspot

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



43.2874, 0.3810, 0.4479



80.7260, 0.3344, 0.3663



18.7714, 0.4456, 0.3336



17.3946, 0.3374, 0.3714



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.



43.2874, 0.3810, 0.4479



76.8565, 0.3929, 0.4693



38.8482, 0.3391, 0.4670



9.8919, 0.3258, 0.3515



29.0690, 0.4136, 0.5098



0.9191, 0.4153, 0.5084

Inverse Universe

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



13.4179, 0.2230, 0.1772



17.1300, 0.2008, 0.1405



16.5160, 0.2690, 0.1941



8.2432, 0.2990, 0.3055



2.3328, 0.1513, 0.0607



0.0779, 0.1567, 0.0637

Previews

White Background



This preview shows how the Yxy color 43.2854, 0.3810, 0.4479 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 43.2854, 0.3810, 0.4479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

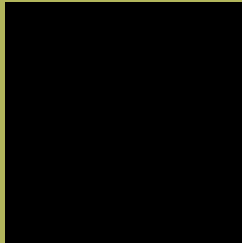
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2854, 0.3810, 0.4479

Background



This preview shows how black text looks on a background with the Yxy color 43.2854, 0.3810, 0.4479.



This preview shows how white text looks on a background with the Yxy color 43.2854, 0.3810, 0.4479.

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

43.2854, 0.3810, 0.4479

Protanopia

43.2582, 0.4010, 0.4378

Deuteranopia

42.9107, 0.4238, 0.4141



Tritanopia

43.2779, 0.3171, 0.3122

Trichromacy



Original Color

43.2854, 0.3810, 0.4479

Protanomaly

43.2875, 0.3931, 0.4415

Deuteranomaly

42.8698, 0.4085, 0.4257

Tritanomaly

43.0847, 0.3412, 0.3614

Monochromacy



Original Color

43.2854, 0.3810, 0.4479

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.1093, 0.3389, 0.3740

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2854, 0.3810, 0.4479 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(178, 181, 92)` looks like.

```
.text, #text, p{  
    color:rgb(178, 181, 92)  
}
```

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(178, 181, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 181, 92) }
```

Border

The CSS property to change the border of an element to Yxy 43.2854, 0.3810, 0.4479 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(178, 181, 92) }
```

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

```
.border{ border-color:rgb(178, 181, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 181, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 181, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 181, 92);  
box-shadow:4px 4px 4px 4px rgb(178, 181,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2854, 0.3810, 0.4479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 181, 92) }
```

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

```
.background{ background-color: rgb(178,  
181, 92) }
```

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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