

Converting Colors

Yxy(43.6864, 0.4033, 0.5122)

Have a look what the booklet for
Yxy(43.6864, 0.4033, 0.5122)
contains.

Yxy(43.8194, 0.4031, 0.5125)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.8194, 0.4031, 0.5125)

Conversions

Conversions Part 1

Format	Color
Hex	ABBA12
RGB	171, 186, 18
RGB Percent	67%, 73%, 7%
CMY	0.3294, 0.2706, 0.9291
CMYK	0.08, 0.00, 0.90, 0.27
HSL	65°, 82%, 40%
HSV	65°, 90%, 73%
XYZ	34.4656, 43.8194, 7.2163
YIQ	162.3630, 44.9880, -55.4280

Conversions

Conversions Part 2

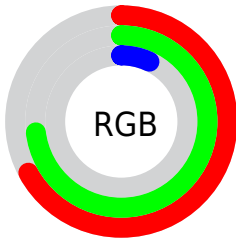
Format	Color
RYB	18, 186, 33
Decimal	11254290
CIELab	72.11, -23.23, 70.97
CIElCh	72, 74.676, 108.120
Yxy	43.8194, 0.4031, 0.5125
Android (android.graphics.Color)	4289444370 (0xFFABBA12)
YUV	162.3630, -71.1710, 7.5746
Hunter-Lab	66.1962, -22.9060, 39.8739

Details

The Yxy color **43.8194, 0.4031, 0.5125** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **4.3045, 0.1597, 0.0708**, and the grayscale version is **36.6415, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9991, 0.3932, 0.4821**, and **20.3525, 0.3950, 0.5245** is the 20% darker color. If you saturate the color by 10%, you get **43.5975, 0.4038, 0.5176**, and if you desaturate by 10%, it is **44.0966, 0.4004, 0.5038**.

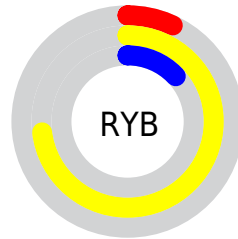
Distribution



Red (67%)

Green (73%)

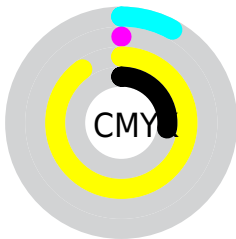
Blue (7%)



Red (7%)

Yellow (73%)

Blue (13%)

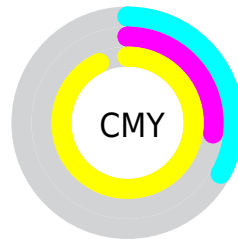


Cyan (8%)

Magenta (0%)

Yellow (90%)

Black (27%)



Cyan (33%)


Magenta (27%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8194, 0.4031, 0.5125 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 43.8194, 0.4031, 0.5125 by changing the saturation by 10% instead.


 43.8194, 0.4031,
0.5125

 43.8194, 0.4031,
0.5125

361.9708, 0.3670,
0.4234


 30.5286, 0.4075,
0.5313


 80.9459, 0.3931,
0.4822

 20.2401, 0.4102,
0.5526

 105.5504, 0.3884,
0.4701


 12.5697, 0.4130,
0.5818


 134.6948, 0.3840,
0.4596

 7.1329, 0.3996,
0.6004

 168.7637, 0.3799,
0.4504

 3.5454, 0.3756,
0.6244

 208.1413, 0.3762,
0.4424

 1.4227, 0.3320,
0.6680

 253.2121, 0.3729,

 0.2333, 0.0000,

0.4353

1.0000

304.3605, 0.3698,
0.4290

■ 0.0000, 0.0000,
0.0000

■ 43.8194, 0.4031,
0.5125

■ 43.8194, 0.4031,
0.5125

■ 43.5975, 0.4038,
0.5176

■ 44.0966, 0.4004,
0.5038

■ 44.4335, 0.3952,
0.4907

■ 44.8401, 0.3874,
0.4734

■ 45.3230, 0.3775,
0.4528

■ 45.8884, 0.3659,
0.4295

■ 46.5414, 0.3532,
0.4047

■ 47.2871, 0.3398,
0.3793

■ 48.1299, 0.3263,
0.3541

■ 49.0740, 0.3131,
0.3297

Harmonies

Analogous

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



43.8194, 0.4817, 0.4499



43.8194, 0.4031, 0.5125



43.8194, 0.3077, 0.5205

Triad

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



43.8194, 0.4031, 0.5125



43.8194, 0.1417, 0.2273



43.8194, 0.3964, 0.2460

Complementary

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



43.8194, 0.4031, 0.5125



4.3045, 0.1597, 0.0708

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.



43.8194, 0.2874, 0.2007



43.8194, 0.4031, 0.5125



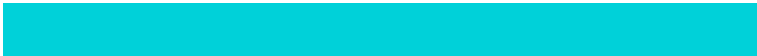
43.8194, 0.1562, 0.1860

Square

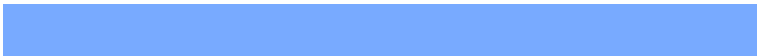
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.8194, 0.4031, 0.5125



43.8194, 0.1607, 0.3145



43.8194, 0.2037, 0.1794



43.8194, 0.4888, 0.3076

Rectangle

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



43.8194, 0.4031, 0.5125



43.8194, 0.2458, 0.4733



43.8194, 0.2037, 0.1794



43.8194, 0.3592, 0.2286

Sweetspot

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



43.8214, 0.4031, 0.5125



84.7249, 0.3494, 0.3975



11.5197, 0.6123, 0.3379



18.5608, 0.3539, 0.4062



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



43.8214, 0.4031, 0.5125



78.9677, 0.4035, 0.5178



37.2386, 0.3310, 0.5680



10.4615, 0.3250, 0.3517



29.3477, 0.4040, 0.5174



1.0466, 0.4082, 0.5141

Inverse Universe

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



4.3045, 0.1597, 0.0708



6.5921, 0.1523, 0.0613



7.6953, 0.2292, 0.1083



8.7568, 0.2998, 0.3055



2.4775, 0.1534, 0.0619



0.1002, 0.1666, 0.0691

Previews

White Background



This preview shows how the Yxy color 43.8194, 0.4031, 0.5125 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 43.8194, 0.4031, 0.5125 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 43.8194, 0.4031, 0.5125

Background



This preview shows how black text looks on a background with the Yxy color 43.8194, 0.4031, 0.5125.



This preview shows how white text looks on a background with the Yxy color 43.8194, 0.4031, 0.5125.

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

43.8194, 0.4031, 0.5125

Protanopia

43.6181, 0.4386, 0.4861

Deuteranopia

43.2884, 0.4650, 0.4550



Tritanopia

43.6653, 0.3109, 0.3108

Trichromacy



Original Color

43.8194, 0.4031, 0.5125

Protanomaly

43.4958, 0.4261, 0.4956

Deuteranomaly

43.0573, 0.4423, 0.4762

Tritanomaly

42.9309, 0.3570, 0.4004

Monochromacy



Original Color

43.8194, 0.4031, 0.5125

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

38.2509, 0.3593, 0.4178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8194, 0.4031, 0.5125 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(171, 186, 18)` looks like.

```
.text, #text, p{  
    color:rgb(171, 186, 18)  
}
```

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(171, 186, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 186, 18) }
```

Border

The CSS property to change the border of an element to Yxy 43.8194, 0.4031, 0.5125 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(171, 186, 18) }
```

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

```
.border{ border-color:rgb(171, 186, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 186, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 186, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 186, 18);  
box-shadow:4px 4px 4px 4px rgb(171, 186,  
18) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8194, 0.4031, 0.5125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 186, 18) }
```

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

```
.background{ background-color: rgb(171,  
186, 18) }
```

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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