

Converting Colors

Yxy(43.8086, 0.4248, 0.5454)

Have a look what the booklet for
Yxy(43.8086, 0.4248, 0.5454)
contains.

Yxy(44.0020, 0.4071, 0.5149)	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(44.0020, 0.4071, 0.5149)

Conversions

Conversions Part 1

Format	Color
Hex	ADBA00
RGB	173, 186, 0
RGB Percent	68%, 73%, 0%
CMY	0.3217, 0.2705, 0.9991
CMYK	0.07, 0.00, 1.00, 0.27
HSL	64°, 100%, 37%
HSV	64°, 100%, 73%
XYZ	34.7897, 44.0020, 6.6657
YIQ	160.9090, 51.9580, -60.6020

Conversions

Conversions Part 2

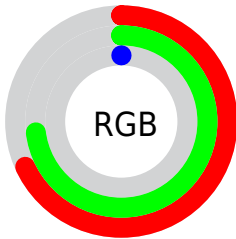
Format	Color
RYB	0, 186, 13
Decimal	11385344
CIELab	72.23, -22.64, 73.30
CIELCh	72, 76.713, 107.164
Yxy	44.0020, 0.4071, 0.5149
Android (android.graphics.Color)	4289575424 (0xFFADBA00)
YUV	160.9090, -79.3281, 10.6038
Hunter-Lab	66.3340, -22.4680, 40.4760

Details

The Yxy color **44.0020, 0.4071, 0.5149** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **3.6382, 0.1522, 0.0613**, and the grayscale version is **35.9655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2393, 0.3969, 0.4851**, and **20.4881, 0.3976, 0.5225** is the 20% darker color. If you saturate the color by 10%, you get **44.0017, 0.4071, 0.5150**, and if you desaturate by 10%, it is **44.1994, 0.4060, 0.5099**.

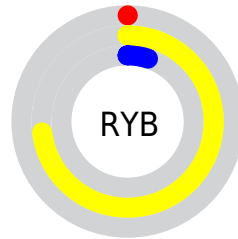
Distribution



Red (68%)

Green (73%)

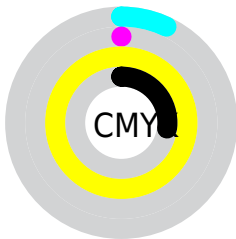
Blue (0%)



Red (0%)

Yellow (73%)

Blue (5%)

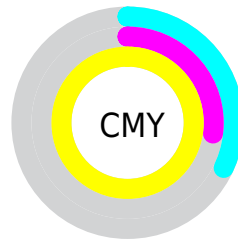


Cyan (7%)

Magenta (0%)

Yellow (100%)

Black (27%)



Cyan (32%)


Magenta (27%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0020, 0.4071, 0.5149 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 44.0020, 0.4071, 0.5149 by changing the saturation by 10% instead.


 44.0020, 0.4071,
0.5149


 44.0020, 0.4071,
0.5149


362.7164, 0.3698,
0.4256

 30.6721, 0.4115,
0.5333


 81.2208, 0.3970,
0.4849

 20.3493, 0.4139,
0.5538


 105.8784, 0.3921,
0.4727

 12.6492, 0.4172,
0.5828

 135.0807, 0.3875,
0.4622

 7.1874, 0.4021,
0.5979

 169.2121, 0.3833,
0.4530

 3.5796, 0.3789,
0.6211

 208.6570, 0.3794,
0.4448

 1.4413, 0.3375,
0.6625

 253.7997, 0.3759,

 0.2469, 0.0000,

0.4377

1.0000

305.0248, 0.3727,
0.4313

■ 0.0000, 0.0000,
0.0000

■ 44.0020, 0.4071,
0.5149

■ 44.0020, 0.4071,
0.5149

■ 44.0017, 0.4071,
0.5150

■ 44.1994, 0.4060,
0.5099

■ 44.4402, 0.4029,
0.5014

■ 44.7422, 0.3972,
0.4885

■ 45.1132, 0.3891,
0.4715

■ 45.5600, 0.3787,
0.4511

■ 46.0885, 0.3667,
0.4280

■ 46.7040, 0.3536,
0.4034

■ 47.4115, 0.3399,
0.3781

■ 48.2153, 0.3261,
0.3530

Harmonies

Analogous

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



44.0020, 0.4868, 0.4490



44.0020, 0.4071, 0.5149



44.0020, 0.3100, 0.5272

Triad

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



44.0020, 0.4071, 0.5149



44.0020, 0.1385, 0.2268



44.0020, 0.3948, 0.2424

Complementary

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



44.0020, 0.4071, 0.5149



3.6382, 0.1522, 0.0613

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.



44.0020, 0.2833, 0.1971



44.0020, 0.4071, 0.5149



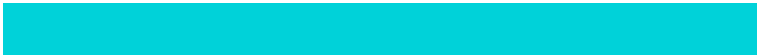
44.0020, 0.1522, 0.1837

Square

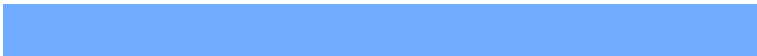
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.0020, 0.4071, 0.5149



44.0020, 0.1587, 0.3174



44.0020, 0.1993, 0.1763



44.0020, 0.4911, 0.3045

Rectangle

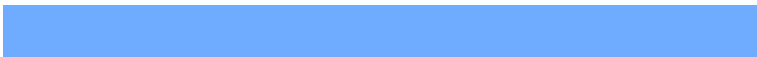
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.0020, 0.4071, 0.5149



44.0020, 0.2466, 0.4809



44.0020, 0.1993, 0.1763



44.0020, 0.3565, 0.2249

Sweetspot

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



44.0040, 0.4071, 0.5149



84.5700, 0.3544, 0.4050



10.7190, 0.6350, 0.3338



18.5162, 0.3601, 0.4155



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.



44.0040, 0.4071, 0.5149



79.7018, 0.4069, 0.5151



36.8601, 0.3280, 0.5776



10.4704, 0.3253, 0.3517



29.6131, 0.4073, 0.5148



1.0536, 0.4106, 0.5122

Inverse Universe

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



3.6382, 0.1522, 0.0613



6.5450, 0.1517, 0.0609



6.5845, 0.2160, 0.0964



8.7488, 0.2995, 0.3054



2.4556, 0.1526, 0.0615



0.0968, 0.1631, 0.0672

Previews

White Background



This preview shows how the Yxy color 44.0020, 0.4071, 0.5149 looks on a white background.

Color Contrast Check

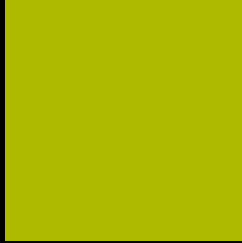
Large Text (above 18pt) WCAG AA × Fail

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 44.0020, 0.4071, 0.5149 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 44.0020, 0.4071, 0.5149

Background



This preview shows how black text looks on a background with the Yxy color 44.0020, 0.4071, 0.5149.



This preview shows how white text looks on a background with the Yxy color 44.0020, 0.4071, 0.5149.

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

44.0020, 0.4071, 0.5149

Protanopia

43.7236, 0.4412, 0.4879

Deuteranopia

43.7870, 0.4664, 0.4572



Tritanopia

43.8714, 0.3135, 0.3122

Trichromacy



Original Color

44.0020, 0.4071, 0.5149

Protanomaly

43.5897, 0.4288, 0.4977

Deuteranomaly

43.6861, 0.4454, 0.4789

Tritanomaly

42.9726, 0.3655, 0.4107

Monochromacy



Original Color

44.0020, 0.4071, 0.5149

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

37.7281, 0.3655, 0.4264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0020, 0.4071, 0.5149 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(173, 186, 0)` looks like.

```
.text, #text, p{  
    color:rgb(173, 186, 0)  
}
```

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(173, 186, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 186, 0) }
```

Border

The CSS property to change the border of an element to Yxy 44.0020, 0.4071, 0.5149 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(173, 186, 0) }
```

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

```
.border{ border-color:rgb(173, 186, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 186, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 186, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 186, 0);  
box-shadow:4px 4px 4px 4px rgb(173, 186,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0020, 0.4071, 0.5149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 186, 0) }
```

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

```
.background{ background-color: rgb(173,  
186, 0) }
```

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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