

Converting Colors

Yxy(42.0329, 0.4114, 0.5093)

Have a look what the booklet for
Yxy(42.0329, 0.4114, 0.5093)
contains.

Yxy(42.0639, 0.4117, 0.5090)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.0639, 0.4117, 0.5090)

Conversions

Conversions Part 1

Format	Color
Hex	AEB508
RGB	174, 181, 8
RGB Percent	68%, 71%, 3%
CMY	0.3176, 0.2902, 0.9689
CMYK	0.04, 0.00, 0.96, 0.29
HSL	62°, 92%, 37%
HSV	62°, 96%, 71%
XYZ	34.0230, 42.0639, 6.5534
YIQ	159.1850, 51.3610, -55.2870

Conversions

Conversions Part 2

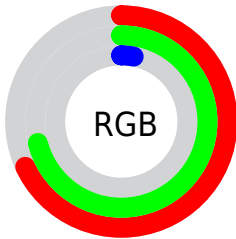
Format	Color
R_YB	8, 181, 15
Decimal	11449608
CIE Lab	70.91, -19.62, 71.47
CIE LCh	71, 74.118, 105.348
Yxy	42.0639, 0.4117, 0.5090
Android (android.graphics.Color)	4289639688 (0xFFFAEB508)
YUV	159.1850, -74.5342, 12.9928
Hunter-Lab	64.8567, -19.8604, 39.4088

Details

The Yxy color **42.0639, 0.4117, 0.5090** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **3.6098, 0.1535, 0.0642**, and the grayscale version is **35.0884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5012, 0.3998, 0.4798**, and **19.2203, 0.4048, 0.5168** is the 20% darker color. If you saturate the color by 10%, you get **42.0116, 0.4123, 0.5108**, and if you desaturate by 10%, it is **42.2076, 0.4094, 0.5033**.

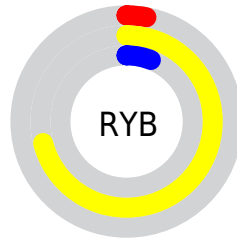
Distribution



Red (68%)

Green (71%)

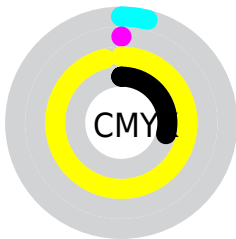
Blue (3%)



Red (3%)

Yellow (71%)

Blue (6%)

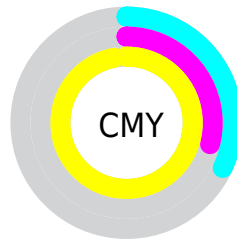


Cyan (4%)

Magenta (0%)

Yellow (96%)

Black (29%)



Cyan (32%)


Magenta (29%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0639, 0.4117, 0.5090 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 42.0639, 0.4117, 0.5090 by changing the saturation by 10% instead.


 42.0639, 0.4117,
0.5090


 42.0639, 0.4117,
0.5090


354.7478, 0.3712,
0.4223

 29.1513, 0.4170,
0.5268


 78.2963, 0.4003,
0.4798


 19.1953, 0.4206,
0.5466


 102.3850, 0.3949,
0.4681


 11.8115, 0.4254,
0.5746


 130.9678, 0.3900,
0.4578

 6.6155, 0.4117,
0.5883

 164.4291, 0.3855,
0.4489

 3.2228, 0.3904,
0.6096

 203.1534, 0.3814,
0.4410

 1.2491, 0.3490,
0.6510

 247.5250, 0.3777,

 0.1013, 0.0000,

0.4340

1.0000

297.9283, 0.3743,
0.4279

■ 0.0000, 0.0000,
0.0000

■ 42.0639, 0.4117,
0.5090

■ 42.0639, 0.4117,
0.5090

■ 42.0116, 0.4123,
0.5108

■ 42.2076, 0.4094,
0.5033

■ 42.4006, 0.4047,
0.4935

■ 42.6534, 0.3973,
0.4794

■ 42.9730, 0.3877,
0.4615

■ 43.3652, 0.3760,
0.4403

■ 43.8352, 0.3630,
0.4169

■ 44.3880, 0.3490,
0.3923

■ 45.0278, 0.3347,
0.3672

■ 45.7588, 0.3205,
0.3425

Harmonies

Analogous

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



42.0639, 0.4880, 0.4435



42.0639, 0.4117, 0.5090



42.0639, 0.3165, 0.5248

Triad

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



42.0639, 0.4117, 0.5090



42.0639, 0.1412, 0.2327



42.0639, 0.3866, 0.2405

Complementary

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



42.0639, 0.4117, 0.5090



3.6098, 0.1535, 0.0642

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.



42.0639, 0.2780, 0.1970



42.0639, 0.4117, 0.5090



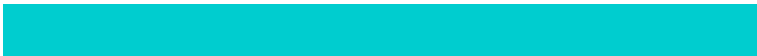
42.0639, 0.1528, 0.1875

Square

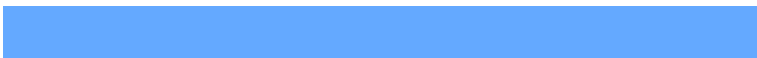
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



42.0639, 0.4117, 0.5090



42.0639, 0.1636, 0.3248



42.0639, 0.1973, 0.1781



42.0639, 0.4834, 0.3012

Rectangle

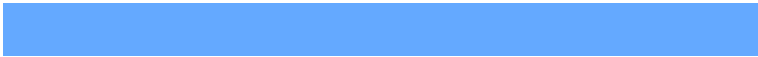
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42.0639, 0.4117, 0.5090



42.0639, 0.2535, 0.4834



42.0639, 0.1973, 0.1781



42.0639, 0.3490, 0.2236

Sweetspot

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



42.0659, 0.4117, 0.5090



79.0920, 0.3545, 0.4019



10.1480, 0.6297, 0.3319



17.0061, 0.3603, 0.4123



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.



42.0659, 0.4117, 0.5090



75.2122, 0.4122, 0.5109



35.1764, 0.3345, 0.5695



9.8888, 0.3257, 0.3515



28.9677, 0.4124, 0.5108



0.9168, 0.4145, 0.5091

Inverse Universe

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



3.6098, 0.1535, 0.0642



6.0363, 0.1509, 0.0605



6.2318, 0.2137, 0.0972



8.2460, 0.2991, 0.3055



2.3399, 0.1516, 0.0609



0.0790, 0.1581, 0.0645

Previews

White Background



This preview shows how the Yxy color 42.0639, 0.4117, 0.5090 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 42.0639, 0.4117, 0.5090 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 42.0639, 0.4117, 0.5090

Background



This preview shows how black text looks on a background with the Yxy color 42.0639, 0.4117, 0.5090.



This preview shows how white text looks on a background with the Yxy color 42.0639, 0.4117, 0.5090.

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

42.0639, 0.4117, 0.5090

Protanopia

42.0079, 0.4406, 0.4884

Deuteranopia

41.6997, 0.4674, 0.4564



Tritanopia

41.7806, 0.3181, 0.3120

Trichromacy



Original Color

42.0639, 0.4117, 0.5090

Protanomaly

42.1422, 0.4296, 0.4963

Deuteranomaly

41.5001, 0.4483, 0.4754

Tritanomaly

41.1402, 0.3686, 0.4043

Monochromacy



Original Color

42.0639, 0.4117, 0.5090

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

36.5294, 0.3651, 0.4216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0639, 0.4117, 0.5090 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(174, 181, 8)` looks like.

```
.text, #text, p{  
    color:rgb(174, 181, 8)  
}
```

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(174, 181, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 181, 8) }
```

Border

The CSS property to change the border of an element to Yxy 42.0639, 0.4117, 0.5090 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(174, 181, 8) }
```

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

```
.border{ border-color:rgb(174, 181, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 181, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 181, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 181, 8);  
box-shadow:4px 4px 4px 4px rgb(174, 181,  
8) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0639, 0.4117, 0.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 181, 8) }
```

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

```
.background{ background-color: rgb(174,  
181, 8) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor