

Converting Colors

Yxy(39.6427, 0.4040, 0.5146)

Have a look what the booklet for
Yxy(39.6427, 0.4040, 0.5146)
contains.

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Color

Yxy(39.6470, 0.4036, 0.5149)

Conversions

Conversions Part 1

Format	Color
Hex	A3B209
RGB	163, 178, 9
RGB Percent	64%, 70%, 4%
CMY	0.3607, 0.3020, 0.9643
CMYK	0.08, 0.00, 0.95, 0.30
HSL	65°, 90%, 37%
HSV	65°, 95%, 70%
XYZ	31.0770, 39.6470, 6.2755
YIQ	154.2490, 45.3090, -55.7390

Conversions

Conversions Part 2

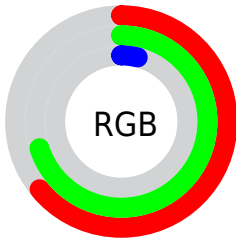
Format	Color
R_{YB}	9, 178, 24
Decimal	10727945
CIE _{Lab}	69.22, -22.86, 69.67
CIE _{LCh}	69, 73.326, 108.164
Yxy	39.6470, 0.4036, 0.5149
Android (android.graphics.Color)	4288918025 (0xFFA3B209)
YUV	154.2490, -71.6078, 7.6746
Hunter-Lab	62.9659, -22.0911, 38.1670

Details

The Yxy color **39.6470, 0.4036, 0.5149** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **3.6070, 0.1562, 0.0662**, and the grayscale version is **32.7432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8119, 0.3929, 0.4840**, and **18.0475, 0.3938, 0.5255** is the 20% darker color. If you saturate the color by 10%, you get **39.5440, 0.4039, 0.5175**, and if you desaturate by 10%, it is **39.8753, 0.4020, 0.5080**.

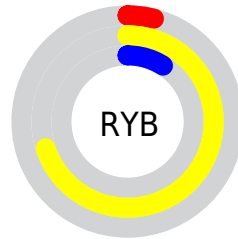
Distribution



Red (64%)

Green (70%)

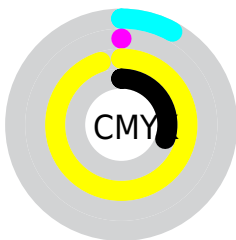
Blue (4%)



Red (4%)

Yellow (70%)

Blue (9%)

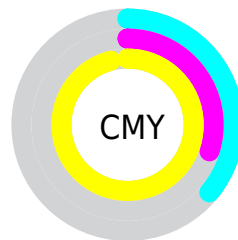


Cyan (8%)

Magenta (0%)

Yellow (95%)

Black (30%)



Cyan (36%)

Magenta (30%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6470, 0.4036, 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 39.6470, 0.4036, 0.5149 by changing the saturation by 10% instead.

39.6470, 0.4036,
0.5149

39.6470, 0.4036,
0.5149

344.6335, 0.3669,
0.4233

27.2634, 0.4079,
0.5344

74.6257, 0.3935,
0.4835

17.7712, 0.4101,
0.5565

97.9896, 0.3886,
0.4710

10.7858, 0.4125,
0.5875

125.7824, 0.3841,
0.4602

5.9230, 0.3953,
0.6047

158.3884, 0.3800,
0.4508

2.7983, 0.3681,
0.6319

196.1922, 0.3762,
0.4426

1.0274, 0.2862,
0.7138

239.5780, 0.3728,

0.0000, 0.0000,

0.4354

0.0000

288.9303, 0.3697,
0.4290

■ 39.6470, 0.4036,
0.5149

■ 39.6470, 0.4036,
0.5149

■ 39.5440, 0.4039,
0.5175

■ 39.8753, 0.4020,
0.5080

■ 40.1536, 0.3978,
0.4969

■ 40.4917, 0.3912,
0.4815

■ 40.8960, 0.3822,
0.4623

■ 41.3723, 0.3713,
0.4401

■ 41.9254, 0.3590,
0.4160

■ 42.5600, 0.3459,
0.3908

■ 43.2803, 0.3325,
0.3655

■ 44.0902, 0.3191,
0.3407

Harmonies

Analogous

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



39.6470, 0.4834, 0.4509



39.6470, 0.4036, 0.5149



39.6470, 0.3070, 0.5237

Triad

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



39.6470, 0.4036, 0.5149



39.6470, 0.1398, 0.2257



39.6470, 0.3977, 0.2450

Complementary

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



39.6470, 0.4036, 0.5149



3.6070, 0.1562, 0.0662

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.



39.6470, 0.2871, 0.1992



39.6470, 0.4036, 0.5149



39.6470, 0.1544, 0.1842

Square

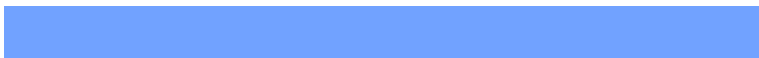
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.6470, 0.4036, 0.5149



39.6470, 0.1587, 0.3139



39.6470, 0.2024, 0.1777



39.6470, 0.4915, 0.3071

Rectangle

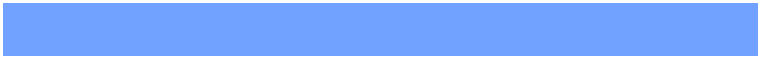
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.6470, 0.4036, 0.5149



39.6470, 0.2445, 0.4757



39.6470, 0.2024, 0.1777



39.6470, 0.3599, 0.2274

Sweetspot

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



39.6488, 0.4036, 0.5149



76.7493, 0.3507, 0.3999



10.1045, 0.6230, 0.3363



16.8958, 0.3563, 0.4107



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.



39.6488, 0.4036, 0.5149



71.6592, 0.4036, 0.5177



33.5432, 0.3288, 0.5734



9.8676, 0.3250, 0.3516



28.3084, 0.4041, 0.5174



0.9018, 0.4086, 0.5138

Inverse Universe

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



3.6070, 0.1562, 0.0662



5.9840, 0.1524, 0.0613



6.5764, 0.2248, 0.1036



8.2650, 0.2998, 0.3056



2.3899, 0.1535, 0.0619



0.0870, 0.1674, 0.0696

Previews

White Background



This preview shows how the Yxy color 39.6470, 0.4036, 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 39.6470, 0.4036, 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 39.6470, 0.4036, 0.5149

Background



This preview shows how black text looks on a background with the Yxy color 39.6470, 0.4036, 0.5149.



This preview shows how white text looks on a background with the Yxy color 39.6470, 0.4036, 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

39.6470, 0.4036, 0.5149

Protanopia

39.3231, 0.4402, 0.4887

Deuteranopia

39.3815, 0.4662, 0.4561



Tritanopia

39.3547, 0.3117, 0.3114

Trichromacy



Original Color

39.6470, 0.4036, 0.5149

Protanomaly

39.2149, 0.4269, 0.4983

Deuteranomaly

39.2975, 0.4437, 0.4781

Tritanomaly

38.6917, 0.3598, 0.4049

Monochromacy



Original Color

39.6470, 0.4036, 0.5149

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

34.3021, 0.3622, 0.4233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6470, 0.4036, 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(163, 178, 9)` looks like.

```
.text, #text, p{  
    color:rgb(163, 178, 9)  
}
```

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(163, 178, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 178, 9) }
```

Border

The CSS property to change the border of an element to Yxy 39.6470, 0.4036, 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(163, 178, 9) }
```

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

```
.border{ border-color:rgb(163, 178, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 178, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 178, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 178, 9);  
box-shadow:4px 4px 4px 4px rgb(163, 178,  
9) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6470, 0.4036, 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(163, 178, 9) }
```

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

```
.background{ background-color: rgb(163,  
178, 9) }
```

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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