

Converting Colors

$Y_{xy}(11.0652, 0.4056, 0.5161)$

Have a look what the booklet for
Yxy(11.0652, 0.4056, 0.5161)
contains.

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Color

Yxy(11.0973, 0.4044, 0.5171)

Conversions

Conversions Part 1

Format	Color
Hex	5A6300
RGB	90, 99, 0
RGB Percent	35%, 39%, 0%
CMY	0.6470, 0.6118, 1.0000
CMYK	0.09, 0.00, 1.00, 0.61
HSL	65°, 100%, 19%
HSV	65°, 100%, 39%
XYZ	8.6787, 11.0973, 1.6847
YIQ	85.0230, 26.4150, -32.6970

Conversions

Conversions Part 2

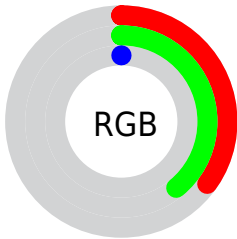
Format	Color
RYB	0, 99, 9
Decimal	5923584
CIELab	39.74, -15.12, 46.27
CIELCh	40, 48.682, 108.099
Yxy	11.0973, 0.4044, 0.5171
Android (android.graphics.Color)	4284113664 (0xFF5A6300)
YUV	85.0230, -41.9163, 4.3648
Hunter-Lab	33.3126, -11.7938, 20.3205

Details

The Yxy color **11.0973, 0.4044, 0.5171** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0.9591, 0.1557, 0.0631**, and the grayscale version is **9.1754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9578, 0.3889, 0.4727**, and **2.9973, 0.3829, 0.5342** is the 20% darker color. If you saturate the color by 10%, you get **11.0978, 0.4044, 0.5171**, and if you desaturate by 10%, it is **11.1649, 0.4017, 0.5084**.

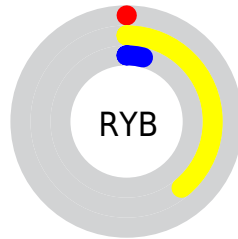
Distribution



Red (35%)

Green (39%)

Blue (0%)



Red (0%)

Yellow (39%)

Blue (4%)

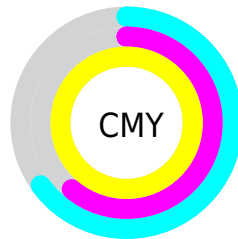


Cyan (9%)

Magenta (0%)

Yellow (100%)

Black (61%)



Cyan (65%)


Magenta (61%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0973, 0.4044, 0.5171 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 11.0973, 0.4044, 0.5171 by changing the saturation by 10% instead.


 11.0973, 0.4044,
0.5171


 11.0973, 0.4044,
0.5171


 198.3339, 0.3570,
0.4041


 6.1323, 0.4144,
0.5540

 27.8400, 0.3893,
0.4723


 2.9257, 0.4108,
0.5892


 40.3864, 0.3826,
0.4563

 1.0931, 0.3751,
0.6249

 56.2288, 0.3767,
0.4433

 0.0000, 0.0000,
0.0000

 75.7516, 0.3716,
0.4326

 99.3391, 0.3672,
0.4237

 127.3757, 0.3633,


0.4162

 160.2458, 0.3600,
0.4097

 11.0973, 0.4044,
0.5171


 11.0973, 0.4044,
0.5171


 11.0978, 0.4044,
0.5171

 11.1649, 0.4017,
0.5084

 11.2390, 0.3979,
0.4980

 11.3279, 0.3919,
0.4838

 11.4332, 0.3838,
0.4661

 11.5563, 0.3738,
0.4456

■ 11.6984, 0.3626,
0.4232

■ 11.8606, 0.3504,
0.3996

■ 12.0440, 0.3378,
0.3756

■ 12.2493, 0.3251,
0.3519

Harmonies

Analogous

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



11.0973, 0.4853, 0.4516



11.0973, 0.4044, 0.5171



11.0973, 0.3067, 0.5270

Triad

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



11.0973, 0.4044, 0.5171



11.0973, 0.1379, 0.2243



11.0973, 0.3986, 0.2438

Complementary

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



11.0973, 0.4044, 0.5171



0.9591, 0.1557, 0.0631

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.



11.0973, 0.2864, 0.1977



11.0973, 0.4044, 0.5171



11.0973, 0.1526, 0.1825

Square

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



11.0973, 0.4044, 0.5171



11.0973, 0.1569, 0.3137



11.0973, 0.2009, 0.1760



11.0973, 0.4940, 0.3064

Rectangle

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



11.0973, 0.4044, 0.5171



11.0973, 0.2435, 0.4785



11.0973, 0.2009, 0.1760



11.0973, 0.3603, 0.2261

Sweetspot

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



11.0978, 0.4044, 0.5171



20.3206, 0.3515, 0.4016



2.8320, 0.6279, 0.3396



4.8107, 0.3550, 0.4084



52.2522, 0.3127, 0.3290



5.0876, 0.3127, 0.3290

Same Dimension

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



11.0978, 0.4044, 0.5171



19.0153, 0.4040, 0.5174



9.4006, 0.3301, 0.5761



2.9584, 0.3237, 0.3492



14.4575, 0.4042, 0.5173



77.0364, 0.4032, 0.5180

Inverse Universe

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



0.9591, 0.1557, 0.0631



1.6206, 0.1543, 0.0624



1.7932, 0.2248, 0.1012



2.5257, 0.3012, 0.3081



1.2401, 0.1550, 0.0627



6.4416, 0.1524, 0.0613

Previews

White Background



This preview shows how the Yxy color 11.0973, 0.4044, 0.5171 looks on a white background.

Color Contrast Check

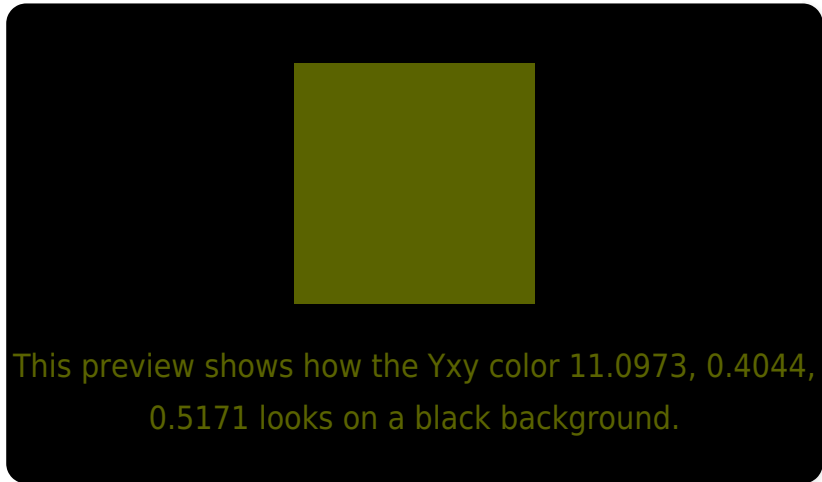
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

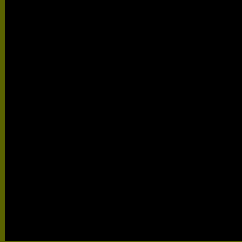
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0973, 0.4044, 0.5171

Background



This preview shows how black text looks on a background with the Yxy color 11.0973, 0.4044, 0.5171.



This preview shows how white text looks on a background with the Yxy color 11.0973, 0.4044, 0.5171.

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

11.0973, 0.4044, 0.5171

Protanopia

11.0696, 0.4396, 0.4892

Deuteranopia

11.0337, 0.4601, 0.4559



Tritanopia

11.0965, 0.3104, 0.3128

Trichromacy



Original Color

11.0973, 0.4044, 0.5171

Protanomaly

11.0751, 0.4260, 0.4999

Deuteranomaly

11.0388, 0.4400, 0.4784

Tritanomaly

10.9230, 0.3580, 0.4071

Monochromacy



Original Color

11.0973, 0.4044, 0.5171

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.6049, 0.3625, 0.4219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0973, 0.4044, 0.5171 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(90, 99, 0)` looks like.

```
.text, #text, p{  
    color:rgb(90, 99, 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(90, 99, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 99, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.0973, 0.4044, 0.5171 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(90, 99, 0) }
```

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

```
.border{ border-color:rgb(90, 99, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 99, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 99, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(90, 99, 0); box-shadow:4px  
4px 4px 4px rgb(90, 99, 0) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0973, 0.4044, 0.5171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 99, 0) }
```

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

```
.background{ background-color: rgb(90, 99,  
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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