

Converting Colors

$Yxy(11.0396, 0.1934, 0.1366)$

Have a look what the booklet for
Yxy(11.0396, 0.1934, 0.1366)
contains.

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Color

Yxy(11.0396, 0.1934, 0.1366)

Conversions

Conversions Part 1

Format	Color
Hex	494FC5
RGB	73, 79, 197
RGB Percent	29%, 31%, 77%
CMY	0.7133, 0.6903, 0.2273
CMYK	0.63, 0.60, 0.00, 0.23
HSL	237°, 52%, 53%
HSV	237°, 63%, 77%
XYZ	15.6300, 11.0396, 54.1474
YIQ	90.6580, -41.4540, 35.4260

Conversions

Conversions Part 2

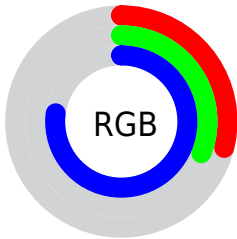
Format	Color
R _Y B	73, 79, 197
Decimal	4804549
CIE Lab	39.65, 34.07, -62.51
CIE LCh	40, 71.194, 298.595
Yxy	11.0396, 0.1934, 0.1366
Android (android.graphics.Color)	4282994629 (0xFF494FC5)
YUV	90.6580, 52.4266, -15.4861
Hunter-Lab	33.2259, 25.8240, -73.3653

Details

The Yxy color **11.0396, 0.1934, 0.1366** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **49.6945, 0.4038, 0.4677**, and the grayscale version is **10.2700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7267, 0.2206, 0.1718**, and **3.1551, 0.1587, 0.0913** is the 20% darker color. If you saturate the color by 10%, you get **8.0522, 0.1761, 0.1074**, and if you desaturate by 10%, it is **15.0358, 0.2133, 0.1695**.

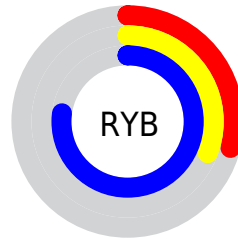
Distribution



Red (29%)

Green (31%)

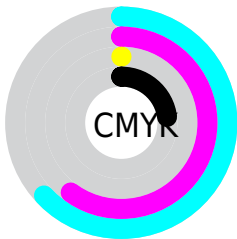
Blue (77%)



Red (29%)

Yellow (31%)

Blue (77%)

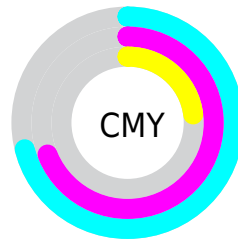


Cyan (63%)

Magenta (60%)

Yellow (0%)

Black (23%)



Cyan (71%)

Magenta (69%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.0396, 0.1934, 0.1366 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 11.0396, 0.1934, 0.1366 by changing the saturation by 10% instead.

■ 11.0396, 0.1934,
0.1366

■ 11.0396, 0.1934,
0.1366

■ 197.9390, 0.2630,
0.2361

■ 6.0935, 0.1739,
0.1133

■ 27.7334, 0.2206,
0.1723

■ 2.9020, 0.1485,
0.0857

■ 40.2498, 0.2303,
0.1859

■ 1.0808, 0.1154,
0.0542

■ 56.0585, 0.2383,
0.1976

■ 0.0000, 0.0753,
0.0000

■ 75.5438, 0.2449,
0.2075

■ 0.0000, 0.0000,
0.0000

■ 99.0901, 0.2505,
0.2161

127.0818, 0.2553,

0.2237

159.9033, 0.2594,
0.2303

■ 11.0396, 0.1934,
0.1366

■ 11.0396, 0.1934,
0.1366

■ 8.0522, 0.1761,
0.1074

■ 15.0358, 0.2133,
0.1695

■ 5.9826, 0.1627,
0.0844

■ 20.1192, 0.2342,
0.2037

■ 4.7248, 0.1542,
0.0690

■ 26.3616, 0.2550,
0.2372

■ 4.2346, 0.1508,
0.0627

■ 33.8284, 0.2745,
0.2686

■ 42.5801, 0.2924,
0.2970

■ 52.6732, 0.3084,
0.3223

■ 64.1607, 0.3225,
0.3444

■ 77.0929, 0.3348,
0.3635

■ 91.5176, 0.3455,
0.3800

Harmonies

Analogous

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



11.0396, 0.1210, 0.1301



11.0396, 0.1934, 0.1366



11.0396, 0.3241, 0.1732

Triad

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



11.0396, 0.1934, 0.1366



11.0396, 0.5827, 0.3982



11.0396, 0.1400, 0.4235

Complementary

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



11.0396, 0.1934, 0.1366



49.6945, 0.4038, 0.4677

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.



11.0396, 0.2402, 0.6072



11.0396, 0.1934, 0.1366



11.0396, 0.4927, 0.5073

Square

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



11.0396, 0.1934, 0.1366



11.0396, 0.5958, 0.3129



11.0396, 0.3666, 0.6108



11.0396, 0.0938, 0.2443

Rectangle

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



11.0396, 0.1934, 0.1366



11.0396, 0.4363, 0.2134



11.0396, 0.3666, 0.6108



11.0396, 0.1681, 0.4962

Sweetspot

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



11.0399, 0.1934, 0.1366



65.9425, 0.2812, 0.2792



45.1205, 0.2407, 0.3381



13.1820, 0.2758, 0.2707



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



11.0399, 0.1934, 0.1366



13.0385, 0.1712, 0.0992



13.4691, 0.2409, 0.1509



10.3665, 0.2983, 0.3063



2.8189, 0.1510, 0.0634



0.1622, 0.1543, 0.0753

Inverse Universe

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



17.2176, 0.5030, 0.3227



25.3768, 0.5640, 0.3234



46.1140, 0.3507, 0.5021



10.6449, 0.3282, 0.3279



7.8246, 0.6343, 0.3268



0.3734, 0.6145, 0.3159

Previews

White Background



This preview shows how the Yxy color 11.0396, 0.1934, 0.1366 looks on a white background.

Color Contrast Check

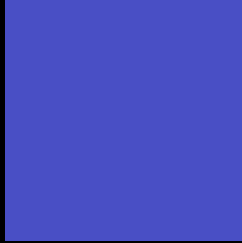
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 11.0396, 0.1934, 0.1366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

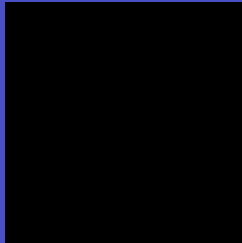
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0396, 0.1934, 0.1366

Background



This preview shows how black text looks on a background with the Yxy color 11.0396, 0.1934, 0.1366.



This preview shows how white text looks on a background with the Yxy color 11.0396, 0.1934, 0.1366.

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

11.0396, 0.1934, 0.1366

Protanopia

11.0300, 0.1747, 0.1488

Deuteranopia

10.8648, 0.1851, 0.1863



Tritanopia

11.0188, 0.2248, 0.3077

Trichromacy



Original Color

11.0396, 0.1934, 0.1366

Protanomaly

10.7388, 0.1765, 0.1414

Deuteranomaly

10.5124, 0.1829, 0.1621

Tritanomaly

10.4298, 0.2071, 0.2204

Monochromacy



Original Color

11.0396, 0.1934, 0.1366

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

10.3129, 0.2525, 0.2347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0396, 0.1934, 0.1366 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(73, 79, 197)` looks like.

```
.text, #text, p{  
    color:rgb(73, 79, 197)  
}
```

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(73, 79, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 79, 197) }
```

Border

The CSS property to change the border of an element to Yxy 11.0396, 0.1934, 0.1366 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(73, 79, 197) }
```

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

```
.border{ border-color:rgb(73, 79, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 79, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 79, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 79, 197);  
box-shadow:4px 4px 4px 4px rgb(73, 79,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0396, 0.1934, 0.1366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 79, 197) }
```

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

```
.background{ background-color: rgb(73, 79,  
197) }
```

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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