

Converting Colors

$Y_{xy}(14.9766, 0.1721, 0.1140)$

Have a look what the booklet for
Yxy(14.9766, 0.1721, 0.1140)
contains.

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Color

Yxy(14.9031, 0.1719, 0.1136)

Conversions

Conversions Part 1

Format	Color
Hex	3459FC
RGB	52, 89, 252
RGB Percent	20%, 35%, 99%
CMY	0.7960, 0.6509, 0.0120
CMYK	0.79, 0.65, 0.00, 0.01
HSL	229°, 97%, 60%
HSV	229°, 79%, 99%
XYZ	22.5514, 14.9031, 93.7347
YIQ	96.5190, -74.3750, 42.8490

Conversions

Conversions Part 2

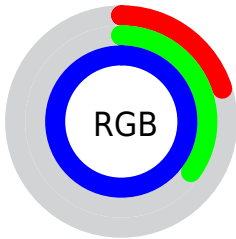
Format	Color
R _Y B	52, 83, 252
Decimal	3430908
CIE Lab	45.50, 44.45, -84.22
CIE LCh	46, 95.231, 297.823
Yxy	14.9031, 0.1719, 0.1136
Android (android.graphics.Color)	4281620988 (0xFF3459FC)
YUV	96.5190, 76.6521, -39.0432
Hunter-Lab	38.6045, 36.7156, -116.9374

Details

The Yxy color **14.9031, 0.1719, 0.1136** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **69.4965, 0.4401, 0.4703**, and the grayscale version is **11.6561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.4311, 0.2205, 0.1839**, and **5.6964, 0.1566, 0.0839** is the 20% darker color. If you saturate the color by 10%, you get **11.4492, 0.1612, 0.0918**, and if you desaturate by 10%, it is **19.6663, 0.1865, 0.1402**.

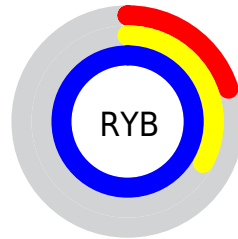
Distribution



Red (20%)

Green (35%)

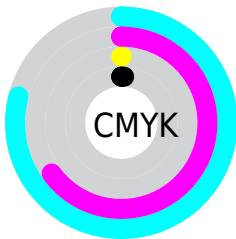
Blue (99%)



Red (20%)

Yellow (33%)

Blue (99%)

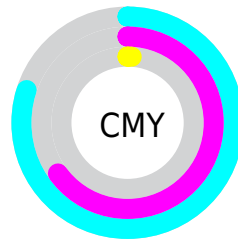


Cyan (79%)

Magenta (65%)

Yellow (0%)

Black (1%)



Cyan (80%)


Magenta (65%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9031, 0.1719, 0.1136 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 14.9031, 0.1719, 0.1136 by changing the saturation by 10% instead.


 14.9031, 0.1719,
0.1136


 14.9031, 0.1719,
0.1136


222.7790, 0.2477,
0.2138


 8.7514, 0.1536,
0.0935


 34.6831, 0.1994,
0.1468


 4.5794, 0.1313,
0.0710


 49.0802, 0.2099,
0.1603


 2.0027, 0.1044,
0.0470

 66.9945, 0.2187,
0.1721

 0.6090, 0.0730,
0.0227

 88.8105, 0.2262,
0.1826

 0.0000, 0.0384,
0.0000

 114.9126, 0.2327,
0.1918

 0.0000, 0.0000,
0.0000

145.6851, 0.2384,

0.2000

181.5124, 0.2433,
0.2073

■ 14.9031, 0.1719,
0.1136

■ 14.9031, 0.1719,
0.1136

■ 11.4492, 0.1612,
0.0918

■ 19.6663, 0.1865,
0.1402

■ 9.1459, 0.1545,
0.0758

■ 25.8598, 0.2040,
0.1698

■ 9.0292, 0.1542,
0.0750

■ 33.5907, 0.2232,
0.2005

■ 42.9556, 0.2431,
0.2307

■ 54.0425, 0.2625,
0.2594

■ 66.9335, 0.2810,
0.2857

■ 81.7049, 0.2981,
0.3094

■ 98.4288, 0.3137,
0.3303

■ 99.8046, 0.3145,
0.3319

Harmonies

Analogous

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



14.9031, 0.0975, 0.1069



14.9031, 0.1719, 0.1136



14.9031, 0.3181, 0.1509

Triad

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



14.9031, 0.1719, 0.1136



14.9031, 0.6164, 0.3836



14.9031, 0.1122, 0.4481

Complementary

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



14.9031, 0.1719, 0.1136



69.4965, 0.4401, 0.4703

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.



14.9031, 0.2172, 0.6780



14.9031, 0.1719, 0.1136



14.9031, 0.4975, 0.5025

Square

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



14.9031, 0.1719, 0.1136



14.9031, 0.6419, 0.2952



14.9031, 0.3540, 0.6460



14.9031, 0.0684, 0.2265

Rectangle

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



14.9031, 0.1719, 0.1136



14.9031, 0.4529, 0.1932



14.9031, 0.3540, 0.6460



14.9031, 0.1411, 0.5436

Sweetspot

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



14.9034, 0.1719, 0.1136



62.3878, 0.2726, 0.2738



75.0658, 0.2436, 0.3803



12.3634, 0.2659, 0.2643



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.



14.9034, 0.1719, 0.1136



10.2895, 0.1570, 0.0820



12.9253, 0.1936, 0.0982



17.1627, 0.2979, 0.3091



4.8593, 0.1548, 0.0771



0.5861, 0.1602, 0.0967

Inverse Universe

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



23.8630, 0.5476, 0.3028



21.8429, 0.6026, 0.3124



81.0338, 0.3709, 0.5260



17.2777, 0.3265, 0.3246



10.9015, 0.6116, 0.3143



1.0234, 0.5809, 0.2974

Previews

White Background



This preview shows how the Yxy color 14.9031, 0.1719, 0.1136 looks on a white background.

Color Contrast Check

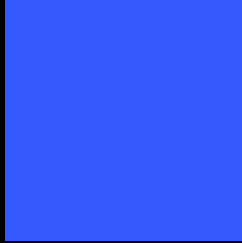
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9031, 0.1719, 0.1136 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 14.9031, 0.1719, 0.1136

Background



This preview shows how black text looks on a background with the Yxy color 14.9031, 0.1719, 0.1136.



This preview shows how white text looks on a background with the Yxy color 14.9031, 0.1719, 0.1136.

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

14.9031, 0.1719, 0.1136

Protanopia

14.7102, 0.1743, 0.1476

Deuteranopia

14.6970, 0.1859, 0.1892



Tritanopia

14.4632, 0.2194, 0.3097

Trichromacy



Original Color

14.9031, 0.1719, 0.1136

Protanomaly

14.5870, 0.1717, 0.1324

Deuteranomaly

14.2943, 0.1775, 0.1524

Tritanomaly

13.6324, 0.1920, 0.2017

Monochromacy



Original Color

14.9031, 0.1719, 0.1136

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

12.0546, 0.2307, 0.2116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9031, 0.1719, 0.1136 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(52, 89, 252)` looks like.

```
.text, #text, p{  
    color:rgb(52, 89, 252)  
}
```

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(52, 89, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 89, 252) }
```

Border

The CSS property to change the border of an element to Yxy 14.9031, 0.1719, 0.1136 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(52, 89, 252) }
```

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

```
.border{ border-color:rgb(52, 89, 252) }
```

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

Here you see how a box with a 4 pixel rgb(52, 89, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 89, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 89, 252);  
box-shadow:4px 4px 4px 4px rgb(52, 89,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9031, 0.1719, 0.1136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 89, 252) }
```

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

```
.background{ background-color: rgb(52, 89,  
252) }
```

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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