

Converting Colors

$Y_{xy}(14.6320, 0.1803, 0.1083)$

Have a look what the booklet for
Yxy(14.6320, 0.1803, 0.1083)
contains.

Yxy(14.6058, 0.1801, 0.1081)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.6058, 0.1801, 0.1081)

Conversions

Conversions Part 1

Format	Color
Hex	524FFF
RGB	82, 79, 255
RGB Percent	32%, 31%, 100%
CMY	0.6782, 0.6903, 0.0000
CMYK	0.68, 0.69, 0.00, 0.00
HSL	241°, 100%, 65%
HSV	241°, 69%, 100%
XYZ	24.3340, 14.6058, 96.1740
YIQ	99.9610, -54.7080, 55.3720

Conversions

Conversions Part 2

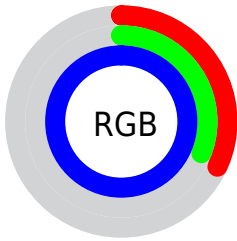
Format	Color
R_{YB}	82, 79, 255
Decimal	5394431
CIE _{Lab}	45.09, 54.17, -86.57
CIE _{LCh}	45, 102.120, 302.037
Yxy	14.6058, 0.1801, 0.1081
Android (android.graphics.Color)	4283584511 (0xFF524FFF)
YUV	99.9610, 76.4342, -15.7518
Hunter-Lab	38.2175, 46.7744, -122.4503

Details

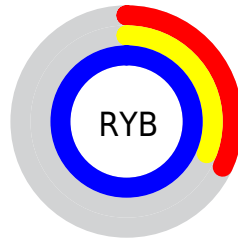
The Yxy color **14.6058, 0.1801, 0.1081** is a dark color, and the websafe version is hex **3333CC**. The color can be described as middle washed blue. A complement of this color would be **92.7598, 0.4040, 0.4850**, and the grayscale version is **12.5462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.7646, 0.2325, 0.1784**, and **5.0642, 0.1538, 0.0735** is the 20% darker color. If you saturate the color by 10%, you get **10.6792, 0.1653, 0.0839**, and if you desaturate by 10%, it is **20.3476, 0.1988, 0.1389**.

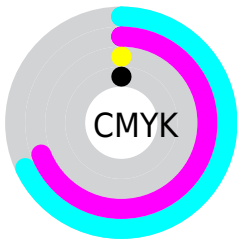
Distribution



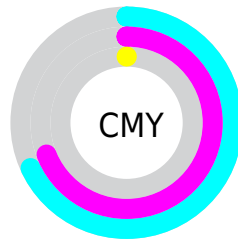
- Red (32%)
- Green (31%)
- Blue (100%)



- Red (32%)
- Yellow (31%)
- Blue (100%)



- Cyan (68%)
- Magenta (69%)
- Yellow (0%)
- Black (0%)





- Cyan (68%)
- Magenta (69%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6058, 0.1801, 0.1081 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 14.6058, 0.1801, 0.1081 by changing the saturation by 10% instead.

 14.6058, 0.1801,
0.1081


 14.6058, 0.1801,
0.1081


220.9677, 0.2525,
0.2091


 8.5432, 0.1623,
0.0883


 34.1601, 0.2066,
0.1411


 4.4444, 0.1405,
0.0664


 48.4207, 0.2167,
0.1547


 1.9252, 0.1139,
0.0433

 66.1826, 0.2251,
0.1666

 0.5634, 0.0824,
0.0200

 87.8304, 0.2323,
0.1772

 0.0000, 0.0478,
0.0000

 113.7484, 0.2384,
0.1865

 0.0000, 0.0000,
0.0000

144.3210, 0.2438,

0.1949

179.9326, 0.2484,
0.2024

■ 14.6058, 0.1801,
0.1081

■ 14.6058, 0.1801,
0.1081

■ 10.6792, 0.1653,
0.0839

■ 20.3476, 0.1988,
0.1389

■ 8.3554, 0.1554,
0.0681

■ 28.0951, 0.2198,
0.1736

■ 7.3181, 0.1507,
0.0607

■ 38.0079, 0.2414,
0.2095

■ 7.2490, 0.1504,
0.0602

■ 50.2313, 0.2622,
0.2443

■ 64.8982, 0.2816,
0.2766

■ 82.1311, 0.2989,
0.3057

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



14.6058, 0.0961, 0.0971



14.6058, 0.1801, 0.1081



14.6058, 0.3458, 0.1503

Triad

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



14.6058, 0.1801, 0.1081



14.6058, 0.6107, 0.3893



14.6058, 0.0901, 0.4126

Complementary

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



14.6058, 0.1801, 0.1081



92.7598, 0.4040, 0.4850

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.



14.6058, 0.1867, 0.6912



14.6058, 0.1801, 0.1081



14.6058, 0.4769, 0.5231

Square

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



14.6058, 0.1801, 0.1081



14.6058, 0.6647, 0.2981



14.6058, 0.3226, 0.6774



14.6058, 0.0567, 0.1973

Rectangle

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



14.6058, 0.1801, 0.1081



14.6058, 0.4933, 0.1957



14.6058, 0.3226, 0.6774



14.6058, 0.1152, 0.5185

Sweetspot

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



14.6038, 0.1801, 0.1081



61.8151, 0.2779, 0.2705



78.5431, 0.2324, 0.3253



12.3398, 0.2727, 0.2617



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.



14.6038, 0.1801, 0.1081



9.5796, 0.1607, 0.0766



21.3435, 0.2405, 0.1373



17.3930, 0.2981, 0.3044



3.7944, 0.1505, 0.0603



0.3746, 0.1518, 0.0610

Inverse Universe

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



33.8684, 0.3229, 0.1775



29.9952, 0.3243, 0.1633



79.9816, 0.3441, 0.5244



18.2945, 0.3141, 0.3060



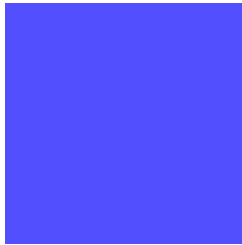
14.7343, 0.3254, 0.1566



1.4363, 0.3248, 0.1563

Previews

White Background



This preview shows how the Yxy color 14.6058, 0.1801, 0.1081 looks on a white background.

Color Contrast Check

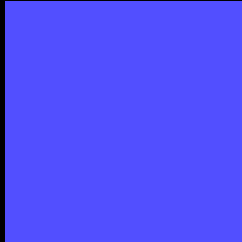
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6058, 0.1801, 0.1081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

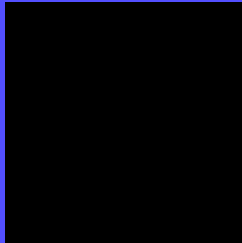
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.6058, 0.1801, 0.1081

Background



This preview shows how black text looks on a background with the Yxy color 14.6058, 0.1801, 0.1081.



This preview shows how white text looks on a background with the Yxy color 14.6058, 0.1801, 0.1081.

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

14.6058, 0.1801, 0.1081

Protanopia

14.4090, 0.1744, 0.1476

Deuteranopia

14.3980, 0.1860, 0.1897



Tritanopia

14.2289, 0.2187, 0.3073

Trichromacy



Original Color

14.6058, 0.1801, 0.1081

Protanomaly

13.9946, 0.1721, 0.1279

Deuteranomaly

13.6645, 0.1779, 0.1470

Tritanomaly

12.9936, 0.1921, 0.1931

Monochromacy



Original Color

14.6058, 0.1801, 0.1081

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.3817, 0.2398, 0.2070

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6058, 0.1801, 0.1081 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(82, 79, 255)` looks like.

```
.text, #text, p{  
    color:rgb(82, 79, 255)  
}
```

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(82, 79, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 79, 255) }
```

Border

The CSS property to change the border of an element to Yxy 14.6058, 0.1801, 0.1081 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(82, 79, 255) }
```

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

```
.border{ border-color:rgb(82, 79, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 79, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 79, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 79, 255);  
box-shadow:4px 4px 4px 4px rgb(82, 79,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6058, 0.1801, 0.1081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 79, 255) }
```

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

```
.background{ background-color: rgb(82, 79,  
255) }
```

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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