

Converting Colors

$Y_{xy}(14.5586, 0.1795, 0.1079)$

Have a look what the booklet for
Yxy(14.5586, 0.1795, 0.1079)
contains.

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Color

Yxy(14.5613, 0.1796, 0.1079)

Conversions

Conversions Part 1

Format	Color
Hex	514FFF
RGB	81, 79, 255
RGB Percent	32%, 31%, 100%
CMY	0.6825, 0.6902, 0.0000
CMYK	0.68, 0.69, 0.00, 0.00
HSL	241°, 100%, 65%
HSV	241°, 69%, 100%
XYZ	24.2373, 14.5613, 96.1532
YIQ	99.6620, -55.3040, 55.1600

Conversions

Conversions Part 2

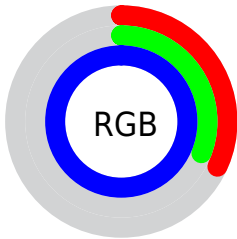
Format	Color
R _Y B	81, 79, 255
Decimal	5328895
CIE Lab	45.03, 54.02, -86.66
CIE LCh	45, 102.118, 301.937
Yxy	14.5613, 0.1796, 0.1079
Android (android.graphics.Color)	4283518975 (0xFF514FFF)
YUV	99.6620, 76.5816, -16.3666
Hunter-Lab	38.1593, 46.5978, -122.6866

Details

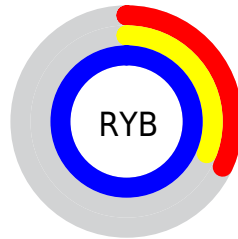
The Yxy color **14.5613, 0.1796, 0.1079** is a dark color, and the websafe version is hex **3333CC**. The color can be described as middle washed blue. A complement of this color would be **92.9786, 0.4048, 0.4844**, and the grayscale version is **12.4643, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.6693, 0.2318, 0.1781**, and **5.0642, 0.1538, 0.0735** is the 20% darker color. If you saturate the color by 10%, you get **10.6460, 0.1648, 0.0837**, and if you desaturate by 10%, it is **20.2983, 0.1983, 0.1387**.

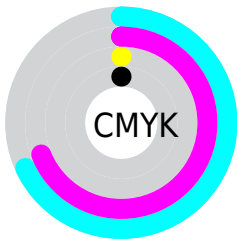
Distribution



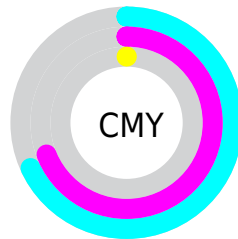
- Red (32%)
- Green (31%)
- Blue (100%)



- 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 14.5613, 0.1796, 0.1079 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 14.5613, 0.1796, 0.1079 by changing the saturation by 10% instead.


 14.5613, 0.1796,
0.1079


 14.5613, 0.1796,
0.1079


220.6953, 0.2523,
0.2090


 8.5121, 0.1618,
0.0881


 34.0817, 0.2062,
0.1409


 4.4243, 0.1399,
0.0662


 48.3217, 0.2163,
0.1545

 1.9136, 0.1133,
0.0431

 66.0607, 0.2247,
0.1665

 0.5566, 0.0818,
0.0198

 87.6832, 0.2319,
0.1771

 0.0000, 0.0472,
0.0000

 113.5735, 0.2381,
0.1864

 0.0000, 0.0000,
0.0000

144.1160, 0.2435,

0.1948

179.6951, 0.2482,
0.2023

■ 14.5613, 0.1796,
0.1079

■ 14.5613, 0.1796,
0.1079

■ 10.6460, 0.1648,
0.0837

■ 20.2983, 0.1983,
0.1387

■ 8.3348, 0.1552,
0.0680

■ 28.0444, 0.2193,
0.1735

■ 7.3087, 0.1506,
0.0606

■ 37.9617, 0.2410,
0.2094

■ 7.2381, 0.1502,
0.0601

■ 50.1960, 0.2620,
0.2443

■ 64.8807, 0.2814,
0.2766

■ 82.1392, 0.2988,
0.3058

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.



14.5613, 0.0958, 0.0970



14.5613, 0.1796, 0.1079



14.5613, 0.3451, 0.1500

Triad

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



14.5613, 0.1796, 0.1079



14.5613, 0.6112, 0.3888



14.5613, 0.0901, 0.4137

Complementary

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



14.5613, 0.1796, 0.1079



92.9786, 0.4048, 0.4844

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.



14.5613, 0.1869, 0.6921



14.5613, 0.1796, 0.1079



14.5613, 0.4774, 0.5226

Square

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



14.5613, 0.1796, 0.1079



14.5613, 0.6649, 0.2977



14.5613, 0.3229, 0.6771



14.5613, 0.0566, 0.1976

Rectangle

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



14.5613, 0.1796, 0.1079



14.5613, 0.4927, 0.1954



14.5613, 0.3229, 0.6771



14.5613, 0.1153, 0.5198

Sweetspot

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



14.5606, 0.1796, 0.1079



61.7656, 0.2777, 0.2705



80.4027, 0.2332, 0.3288



12.3284, 0.2724, 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.



14.5606, 0.1796, 0.1079



9.5468, 0.1603, 0.0764



21.0296, 0.2380, 0.1361



17.3873, 0.2980, 0.3044



3.7862, 0.1503, 0.0602



0.3719, 0.1511, 0.0606

Inverse Universe

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



33.9492, 0.3217, 0.1768



30.0840, 0.3229, 0.1625



80.3007, 0.3460, 0.5231



18.2967, 0.3140, 0.3058



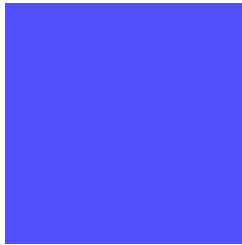
14.7891, 0.3237, 0.1557



1.4410, 0.3234, 0.1555

Previews

White Background



This preview shows how the Yxy color 14.5613, 0.1796, 0.1079 looks on a white background.

Color Contrast Check

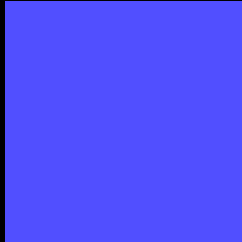
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5613, 0.1796, 0.1079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

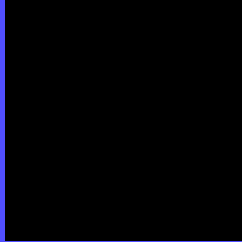
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5613, 0.1796, 0.1079

Background



This preview shows how black text looks on a background with the Yxy color 14.5613, 0.1796, 0.1079.



This preview shows how white text looks on a background with the Yxy color 14.5613, 0.1796, 0.1079.

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

14.5613, 0.1796, 0.1079

Protanopia

14.4090, 0.1744, 0.1476

Deuteranopia

14.3980, 0.1860, 0.1897



Tritanopia

14.2032, 0.2193, 0.3096

Trichromacy



Original Color

14.5613, 0.1796, 0.1079

Protanomaly

13.9798, 0.1719, 0.1279

Deuteranomaly

13.6497, 0.1777, 0.1469

Tritanomaly

12.9403, 0.1923, 0.1943

Monochromacy



Original Color

14.5613, 0.1796, 0.1079

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 14.5613, 0.1796, 0.1079 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(81, 79, 255)` looks like.

```
.text, #text, p{  
  color:rgb(81, 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(81, 79, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 79, 255) }
```

Border

The CSS property to change the border of an element to Yxy 14.5613, 0.1796, 0.1079 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(81, 79, 255) }
```

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

```
.border{ border-color:rgb(81, 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(81, 79, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 79, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 79, 255);  
box-shadow:4px 4px 4px 4px rgb(81, 79,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5613, 0.1796, 0.1079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 79, 255) }
```

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

```
.background{ background-color: rgb(81, 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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