

Converting Colors

$Y_{xy}(14.6299, 0.2079, 0.1048)$

Have a look what the booklet for
Yxy(14.6299, 0.2079, 0.1048)
contains.

Yxy(14.6560, 0.2082, 0.1050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	29

Color

Yxy(14.6560, 0.2082, 0.1050)

Conversions

Conversions Part 1

Format	Color
Hex	8633FF
RGB	134, 51, 255
RGB Percent	53%, 20%, 100%
CMY	0.4744, 0.7999, 0.0002
CMYK	0.47, 0.80, 0.00, 0.00
HSL	264°, 100%, 60%
HSV	264°, 80%, 100%
XYZ	29.0608, 14.6560, 95.8642
YIQ	99.0730, -16.0160, 81.0400

Conversions

Conversions Part 2

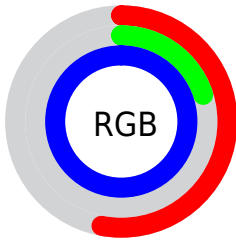
Format	Color
R_{YB}	134, 51, 255
Decimal	8795135
CIE _{Lab}	45.16, 73.22, -86.24
CIE _{LCh}	45, 113.134, 310.333
Yxy	14.6560, 0.2082, 0.1050
Android (android.graphics.Color)	4286985215 (0xFF8633FF)
YUV	99.0730, 76.8720, 30.6310
Hunter-Lab	38.2832, 68.5039, -121.6689

Details

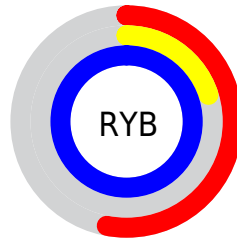
The Yxy color **14.6560, 0.2082, 0.1050** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **80.4942, 0.3564, 0.5377**, and the grayscale version is **12.3065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.6809, 0.2658, 0.1708**, and **5.2245, 0.1750, 0.0738** is the 20% darker color. If you saturate the color by 10%, you get **11.8498, 0.1950, 0.0889**, and if you desaturate by 10%, it is **18.8599, 0.2229, 0.1271**.

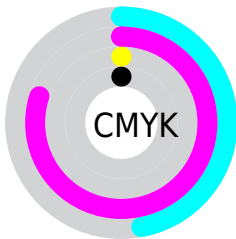
Distribution



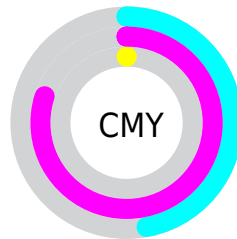
- Red (53%)
- Green (20%)
- Blue (100%)



- Red (53%)
- Yellow (20%)
- Blue (100%)



- Cyan (47%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)





- Cyan (47%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6560, 0.2082, 0.1050 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 14.6560, 0.2082, 0.1050 by changing the saturation by 10% instead.


 14.6560, 0.2082,
0.1050


 14.6560, 0.2082,
0.1050


 221.2745, 0.2684,
0.2051


 8.5783, 0.1925,
0.0857

 34.2486, 0.2309,
0.1374


 4.4672, 0.1727,
0.0644


 48.5322, 0.2393,
0.1508


 1.9382, 0.1476,
0.0421


 66.3200, 0.2463,
0.1626

 0.5712, 0.1161,
0.0196

 87.9963, 0.2521,
0.1731

 0.0000, 0.0784,
0.0000

 113.9455, 0.2571,
0.1825

 0.0000, 0.0236,
0.0000

 144.5520, 0.2614,

 0.0000, 0.0000,

0.1908

0.0000

180.2002, 0.2651,
0.1984

■ 14.6560, 0.2082,
0.1050

■ 14.6560, 0.2082,
0.1050

■ 11.8498, 0.1950,
0.0889

■ 18.8599, 0.2229,
0.1271

■ 10.1476, 0.1837,
0.0786

■ 24.6419, 0.2383,
0.1539

■ 10.1458, 0.1837,
0.0786

■ 32.1556, 0.2536,
0.1838

■ 41.5351, 0.2682,
0.2150

■ 52.9012, 0.2815,
0.2460

■ 66.3639, 0.2934,
0.2758

■ 82.0254, 0.3038,
0.3036

99.9808, 0.3127,
0.3290

99.9969, 0.3127,
0.3290

Harmonies

Analogous

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



14.6560, 0.1020, 0.0859



14.6560, 0.2082, 0.1050



14.6560, 0.4126, 0.1568

Triad

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



14.6560, 0.2082, 0.1050



14.6560, 0.5876, 0.4124



14.6560, 0.0605, 0.3301

Complementary

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



14.6560, 0.2082, 0.1050



80.4942, 0.3564, 0.5377

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.



14.6560, 0.1354, 0.6734



14.6560, 0.2082, 0.1050



14.6560, 0.4277, 0.5723

Square

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



14.6560, 0.2082, 0.1050



14.6560, 0.6849, 0.3083



14.6560, 0.2637, 0.7363



14.6560, 0.0440, 0.1518

Rectangle

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



14.6560, 0.2082, 0.1050



14.6560, 0.5729, 0.2065



14.6560, 0.2637, 0.7363



14.6560, 0.0773, 0.4374

Sweetspot

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



14.6564, 0.2082, 0.1050



60.7294, 0.2888, 0.2641



37.9544, 0.1996, 0.2201



11.9847, 0.2845, 0.2534



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.



14.6564, 0.2082, 0.1050



10.7456, 0.1880, 0.0822



27.1737, 0.3005, 0.1531



17.7386, 0.3043, 0.3049



5.3854, 0.1854, 0.0795



0.5862, 0.1979, 0.0864

Inverse Universe

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



26.5973, 0.4226, 0.2255



23.8604, 0.4529, 0.2285



73.0840, 0.3063, 0.5744



18.1679, 0.3201, 0.3150



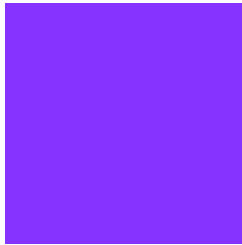
12.3104, 0.4573, 0.2293



1.2203, 0.4374, 0.2183

Previews

White Background



This preview shows how the Yxy color 14.6560, 0.2082, 0.1050 looks on a white background.

Color Contrast Check

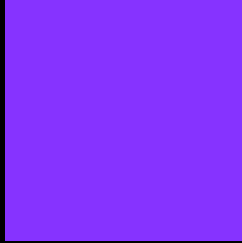
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6560, 0.2082, 0.1050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

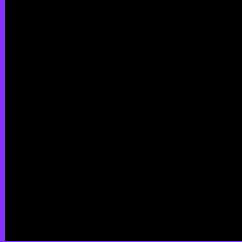
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.6560, 0.2082, 0.1050

Background



This preview shows how black text looks on a background with the Yxy color 14.6560, 0.2082, 0.1050.



This preview shows how white text looks on a background with the Yxy color 14.6560, 0.2082, 0.1050.

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

14.6560, 0.2082, 0.1050

Deuteranopia

14.6970, 0.1859, 0.1892

Tritanopia

14.5827, 0.2898, 0.3119

Trichromacy



Original Color

14.6560, 0.2082, 0.1050

Deuteranomaly

12.5009, 0.1799, 0.1355

Tritanomaly

12.9859, 0.2487, 0.1907

Monochromacy



Original Color

14.6560, 0.2082, 0.1050

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

11.8796, 0.2595, 0.1964

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6560, 0.2082, 0.1050 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(134, 51, 255)` looks like.

```
.text, #text, p{  
    color:rgb(134, 51, 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(134, 51, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 51, 255) }
```

Border

The CSS property to change the border of an element to Yxy 14.6560, 0.2082, 0.1050 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(134, 51, 255) }
```

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

```
.border{ border-color:rgb(134, 51, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 51, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 51, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 51, 255);  
box-shadow:4px 4px 4px 4px rgb(134, 51,  
255) }
```

Background

The CSS property to change the background color of an element to Yxy 14.6560, 0.2082, 0.1050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 51, 255) }
```

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

```
.background{ background-color: rgb(134, 51,  
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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