

Converting Colors

$Y_{xy}(15.3076, 0.2181, 0.1102)$

Have a look what the booklet for
Yxy(15.3076, 0.2181, 0.1102)
contains.

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Color

Yxy(15.3292, 0.2184, 0.1101)

Conversions

Conversions Part 1

Format	Color
Hex	9132FC
RGB	145, 50, 252
RGB Percent	57%, 20%, 99%
CMY	0.4310, 0.8045, 0.0116
CMYK	0.42, 0.80, 0.00, 0.01
HSL	268°, 97%, 59%
HSV	268°, 80%, 99%
XYZ	30.4078, 15.3292, 93.4928
YIQ	101.4330, -8.2220, 82.9620

Conversions

Conversions Part 2

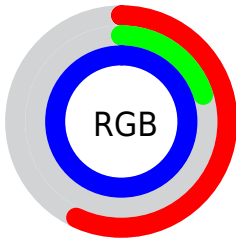
Format	Color
R_{YB}	145, 50, 252
Decimal	9515772
CIE _{Lab}	46.08, 74.37, -83.06
CIE _{LCh}	46, 111.490, 311.843
Yxy	15.3292, 0.2184, 0.1101
Android (android.graphics.Color)	4287705852 (0xFF9132FC)
YUV	101.4330, 74.2295, 38.2083
Hunter-Lab	39.1525, 70.1150, -114.1726

Details

The Yxy color **15.3292, 0.2184, 0.1101** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **77.0293, 0.3480, 0.5441**, and the grayscale version is **12.9247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.0669, 0.2746, 0.1746**, and **5.6444, 0.1870, 0.0804** is the 20% darker color. If you saturate the color by 10%, you get **12.5992, 0.2058, 0.0946**, and if you desaturate by 10%, it is **19.3853, 0.2321, 0.1312**.

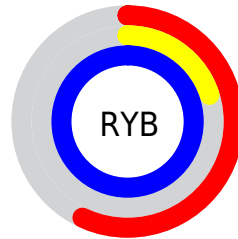
Distribution



Red (57%)

Green (20%)

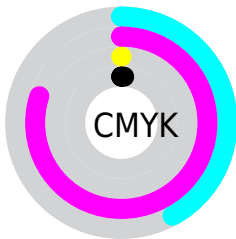
Blue (99%)



Red (57%)

Yellow (20%)

Blue (99%)

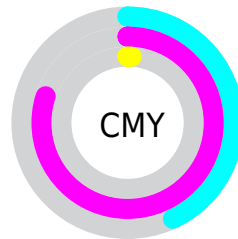


Cyan (42%)

Magenta (80%)

Yellow (0%)

Black (1%)



Cyan (43%)


Magenta (80%)


Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.3292, 0.2184, 0.1101 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 15.3292, 0.2184, 0.1101 by changing the saturation by 10% instead.


 15.3292, 0.2184,
0.1101


 15.3292, 0.2184,
0.1101


225.3502, 0.2735,
0.2084


 9.0508, 0.2037,
0.0908


 35.4297, 0.2394,
0.1421


 4.7743, 0.1850,
0.0694


 50.0205, 0.2471,
0.1553


 2.1155, 0.1608,
0.0465


 68.1509, 0.2535,
0.1669

 0.6733, 0.1297,
0.0236

 90.2052, 0.2588,
0.1772

 0.0000, 0.0915,
0.0000

 116.5679, 0.2633,
0.1863

 0.0000, 0.0381,
0.0000

 147.6234, 0.2672,

 0.0000, 0.0000,

0.1945

0.0000

183.7560, 0.2705,
0.2018

■ 15.3292, 0.2184,
0.1101

■ 15.3292, 0.2184,
0.1101

■ 12.5992, 0.2058,
0.0946

■ 19.3853, 0.2321,
0.1312

■ 10.9347, 0.1950,
0.0848

■ 24.9413, 0.2461,
0.1569

■ 32.1448, 0.2600,
0.1857

■ 41.1248, 0.2730,
0.2159

■ 51.9971, 0.2849,
0.2462

64.8673, 0.2955,
0.2755

79.8332, 0.3047,
0.3031

96.9859, 0.3126,
0.3285

99.8114, 0.3144,
0.3318

Harmonies

Analogous

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



15.3292, 0.1087, 0.0894



15.3292, 0.2184, 0.1101



15.3292, 0.4227, 0.1635

Triad

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



15.3292, 0.2184, 0.1101



15.3292, 0.5782, 0.4218



15.3292, 0.0628, 0.3180

Complementary

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



15.3292, 0.2184, 0.1101



77.0293, 0.3480, 0.5441

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.



15.3292, 0.1356, 0.6472



15.3292, 0.2184, 0.1101



15.3292, 0.4209, 0.5791

Square

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



15.3292, 0.2184, 0.1101



15.3292, 0.6764, 0.3163



15.3292, 0.2635, 0.7365



15.3292, 0.0471, 0.1512

Rectangle

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



15.3292, 0.2184, 0.1101



15.3292, 0.5766, 0.2135



15.3292, 0.2635, 0.7365



15.3292, 0.0790, 0.4183

Sweetspot

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



15.3296, 0.2184, 0.1101



61.3439, 0.2916, 0.2646



32.0549, 0.1944, 0.2006



12.1312, 0.2878, 0.2541



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.



15.3296, 0.2184, 0.1101



11.8407, 0.1992, 0.0883



28.7686, 0.3138, 0.1599



17.0439, 0.3053, 0.3050



5.7797, 0.1967, 0.0857



0.5978, 0.2097, 0.0929

Inverse Universe

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



25.4012, 0.4427, 0.2374



23.3654, 0.4788, 0.2429



70.7393, 0.3025, 0.5774



17.3787, 0.3211, 0.3165



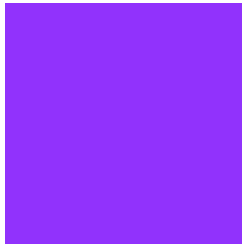
11.6969, 0.4840, 0.2440



1.1048, 0.4591, 0.2303

Previews

White Background



This preview shows how the Yxy color 15.3292, 0.2184, 0.1101 looks on a white background.

Color Contrast Check

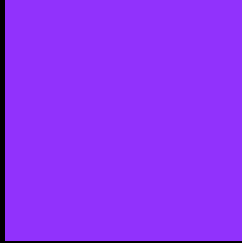
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3292, 0.2184, 0.1101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

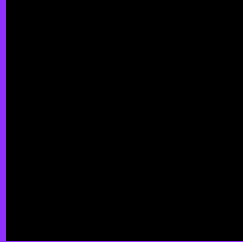
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.3292, 0.2184, 0.1101

Background



This preview shows how black text looks on a background with the Yxy color 15.3292, 0.2184, 0.1101.



This preview shows how white text looks on a background with the Yxy color 15.3292, 0.2184, 0.1101.

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

15.3292, 0.2184, 0.1101

Protanopia

15.3771, 0.1741, 0.1468

Deuteranopia

15.3499, 0.1853, 0.1872



Tritanopia

15.1233, 0.3122, 0.3109

Trichromacy



Original Color

15.3292, 0.2184, 0.1101



Protanomaly

13.1371, 0.1747, 0.1182



Deuteranomaly

12.7057, 0.1809, 0.1348



Tritanomaly

13.7322, 0.2670, 0.1974

Monochromacy



Original Color

15.3292, 0.2184, 0.1101



Achromatopsia

13.0136, 0.3127, 0.3290



Achromatomaly

12.2168, 0.2658, 0.1986

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.3292, 0.2184, 0.1101 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(145, 50, 252)` looks like.

```
.text, #text, p{  
  color:rgb(145, 50, 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(145, 50, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 50, 252) }
```

Border

The CSS property to change the border of an element to Yxy 15.3292, 0.2184, 0.1101 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(145, 50, 252) }
```

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

```
.border{ border-color:rgb(145, 50, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 50, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 50, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 50, 252);  
box-shadow:4px 4px 4px 4px rgb(145, 50,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 15.3292, 0.2184, 0.1101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 50, 252) }
```

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

```
.background{ background-color: rgb(145, 50,  
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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