Converting Colors

Yxy(15.1206, 0.2173, 0.1091)

Have a look what the booklet for Yxy(15.1206, 0.2173, 0.1091) contains.

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Color

Yxy(15.1542, 0.2174, 0.1092)

Conversions

Conversions Part 1

Format	Color
Hex	9031FC
RGB	144, 49, 252
RGB Percent	56%, 19%, 99%
CMY	0.4354, 0.8078, 0.0117
CMYK	0.43, 0.81, 0.00, 0.01
HSL	268°, 97%, 59%
HSV	268°, 81%, 99%
XYZ	30.1696, 15.1542, 93.4509
YIQ	100.5470, -8.5430, 83.2730

Conversions

Conversions Part 2

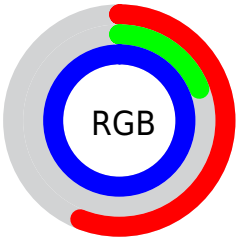
Format	Color
RYB	144, 49, 252
Decimal	9449980
CIELab	45.84, 74.50, -83.44
CIELCh	46, 111.858, 311.762
Yxy	15.1542, 0.2174, 0.1092
Android (android.graphics.Color)	4287640060 (0xFF9031FC)
YUV	100.5470, 74.6663, 38.1083
Hunter-Lab	38.9284, 70.2134, -115.0808

Details

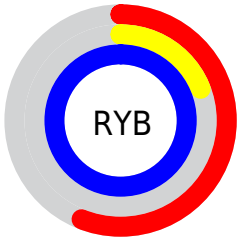
The Yxy color 15.1542, 0.2174, 0.1092 is a light color, and the websafe version is hex 9933FF. The color can be described as light washed purple. A complement of this color would be 77.0333, 0.3483, 0.5444, and the grayscale version is 12.6992, 0.3127, 0.3290.

A 20% lighter version of the original color is 30.8572, 0.2745, 0.1737, and 5.6005, 0.1862, 0.0799 is the 20% darker color. If you saturate the color by 10%, you get 12.4656, 0.2048, 0.0939, and if you desaturate by 10%, it is 19.1636, 0.2311, 0.1302.

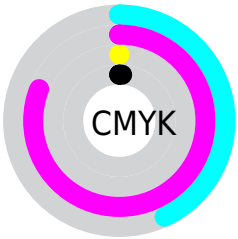
Distribution



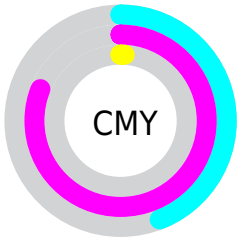
- Red (56%)
- Green (19%)
- Blue (99%)



- Red (56%)
- Yellow (19%)
- Blue (99%)



- Cyan (43%)
- Magenta (81%)
- Yellow (0%)
- Black (1%)



- Cyan (44%)
- Magenta (81%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.1542, 0.2174, 0.1092 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 15.1542, 0.2174, 0.1092 by changing the saturation by 10% instead.

15.1542, 0.2174, 0.1092

15.1542, 0.2174, 0.1092

224.2977, 0.2730, 0.2079

8.9277, 0.2026, 0.0899

35.1235, 0.2387, 0.1413

4.6940, 0.1837, 0.0685

49.6350, 0.2464, 0.1545

2.0689, 0.1593, 0.0456

67.6770, 0.2528, 0.1662

0.6470, 0.1282, 0.0227

89.6338, 0.2582, 0.1765

0.0000, 0.0898, 0.0000

115.8899, 0.2628, 0.1857

0.0000, 0.0359, 0.0000

146.8297, 0.2667,

0.0000, 0.0000,

0.1939

0.0000

182.8375, 0.2701, 0.2013

15.1542, 0.2174, 0.1092

15.1542, 0.2174, 0.1092

12.4656, 0.2048, 0.0939

19.1636, 0.2311, 0.1302

10.8734, 0.1943, 0.0844

24.6690, 0.2452, 0.1558

31.8187, 0.2592, 0.1846

40.7422, 0.2723, 0.2148

51.5559, 0.2843, 0.2452

64.3656, 0.2950, 0.2746

79.2694, 0.3043, 0.3022

96.3588, 0.3123, 0.3277

99.8099, 0.3144, 0.3318

Harmonies

Analogous

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

15.1542, 0.1077, 0.0886

15.1542, 0.2174, 0.1092

15.1542, 0.4226, 0.1626

Triad

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

15.1542, 0.2174, 0.1092

15.1542, 0.5792, 0.4208

15.1542, 0.0619, 0.3183

Complementary

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

15.1542, 0.2174, 0.1092

77.0333, 0.3483, 0.5444

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.

15.1542, 0.1346, 0.6507

15.1542, 0.2174, 0.1092

15.1542, 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.

15.1542, 0.2174, 0.1092

15.1542, 0.6782, 0.3152

15.1542, 0.2623, 0.7377

15.1542, 0.0464, 0.1505

Rectangle

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

15.1542, 0.2174, 0.1092

15.1542, 0.5777, 0.2125

15.1542, 0.2623, 0.7377

15.1542, 0.0780, 0.4195

Sweetspot

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

15.1546, 0.2174, 0.1092

61.3116, 0.2915, 0.2646

31.8944, 0.1940, 0.2000

12.1235, 0.2877, 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.

15.1546, 0.2174, 0.1092

11.6227, 0.1975, 0.0871

28.6867, 0.3138, 0.1596

17.0410, 0.3053, 0.3050

5.7487, 0.1961, 0.0854

0.5949, 0.2091, 0.0926

Inverse Universe

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

25.3346, 0.4425, 0.2368

23.2990, 0.4796, 0.2429

70.6930, 0.3025, 0.5781

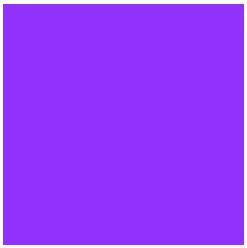
17.3797, 0.3210, 0.3164

11.7090, 0.4826, 0.2432

1.1059, 0.4579, 0.2296

Previews

White Background



This preview shows how the Yxy color 15.1542, 0.2174, 0.1092 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

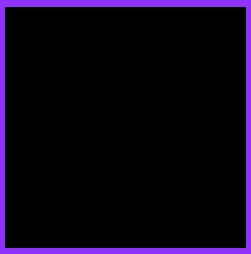
This preview shows how the Yxy color 15.1542, 0.2174, 0.1092 looks on a black background.

Color Contrast Check

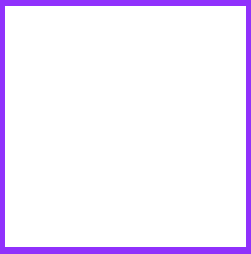
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Yxy 15.1542, 0.2174, 0.1092 Background



This preview shows how black text looks on a background with the Yxy color 15.1542, 0.2174, 0.1092.

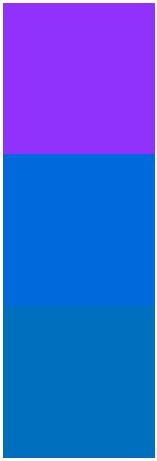


This preview shows how white text looks on a background with the Yxy color 15.1542, 0.2174, 0.1092.

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



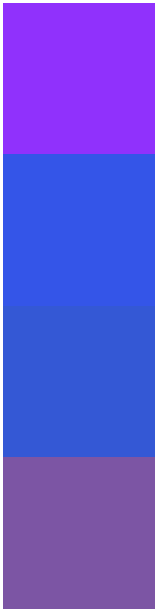
Original Color
15.1542, 0.2174, 0.1092

Protanopia
15.2705, 0.1745, 0.1483

Deuteranopia
15.0866, 0.1851, 0.1865

Tritanopia
14.9677, 0.3107, 0.3127

Trichromacy



Original Color
15.1542, 0.2174, 0.1092

Protanomaly
13.0533, 0.1746, 0.1185

Deuteranomaly
12.5136, 0.1801, 0.1333

Tritanomaly
13.4624, 0.2667, 0.1966

Monochromacy

Original Color
15.1542, 0.2174, 0.1092

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 15.1542, 0.2174, 0.1092 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(144, 49, 252) looks like.

```
.text, #text, p{
    color:rgb(144, 49, 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(144, 49, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 49, 252) }
```

Border

The CSS property to change the border of an element to Yxy 15.1542, 0.2174, 0.1092 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(144, 49, 252) }
```

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

```
.border{ border-color:rgb(144, 49, 252) }
```

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

Here you see how a box with a 4 pixel rgb(144, 49, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 49, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 49, 252); box-shadow:4px 4px 4px 4px rgb(144, 49, 252) }
```

Background

The CSS property to change the background color of an element to Yxy 15.1542, 0.2174, 0.1092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(144, 49, 252) }
```

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

```
.background{ background-color:rgb(144, 49,
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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