

Converting Colors

Yxy(17.2434, 0.2294, 0.1172)

Have a look what the booklet for
Yxy(17.2434, 0.2294, 0.1172)
contains.

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Color

Yxy(17.3319, 0.2298, 0.1176)

Conversions

Conversions Part 1

Format	Color
Hex	A036FF
RGB	160, 54, 255
RGB Percent	63%, 21%, 100%
CMY	0.3725, 0.7883, 0.0000
CMYK	0.37, 0.79, 0.00, 0.00
HSL	272°, 100%, 61%
HSV	272°, 79%, 100%
XYZ	33.8679, 17.3319, 96.1803
YIQ	108.6080, -1.3450, 84.9830

Conversions

Conversions Part 2

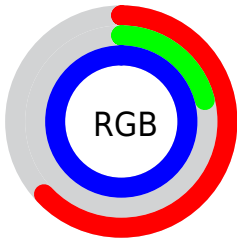
Format	Color
R _Y B	160, 54, 255
Decimal	10499839
CIE Lab	48.68, 75.70, -80.39
CIE LCh	49, 110.423, 313.280
Yxy	17.3319, 0.2298, 0.1176
Android (android.graphics.Color)	4288689919 (0xFFA036FF)
YUV	108.6080, 72.1713, 45.0708
Hunter-Lab	41.6316, 72.3572, -107.8338

Details

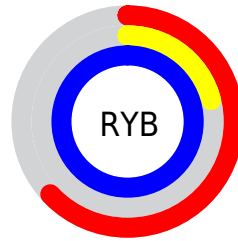
The Yxy color **17.3319, 0.2298, 0.1176** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **78.1749, 0.3414, 0.5467**, and the grayscale version is **14.9684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.4024, 0.2882, 0.1844**, and **6.6279, 0.2014, 0.0883** is the 20% darker color. If you saturate the color by 10%, you get **14.3654, 0.2179, 0.1020**, and if you desaturate by 10%, it is **21.6601, 0.2424, 0.1385**.

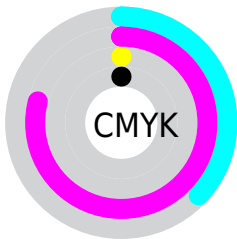
Distribution



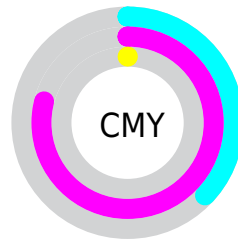
- Red (63%)
- Green (21%)
- Blue (100%)



- Red (63%)
- Yellow (21%)
- Blue (100%)



- Cyan (37%)
- Magenta (79%)
- Yellow (0%)
- Black (0%)





- Cyan (37%)
- Magenta (79%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3319, 0.2298, 0.1176 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 17.3319, 0.2298, 0.1176 by changing the saturation by 10% instead.


 17.3319, 0.2298,
0.1176


 17.3319, 0.2298,
0.1176


237.0778, 0.2785,
0.2122


 10.4714, 0.2167,
0.0988


 38.8956, 0.2485,
0.1485


 5.7126, 0.1998,
0.0777


 54.3675, 0.2553,
0.1612


 2.6711, 0.1777,
0.0547


 73.4787, 0.2609,
0.1724

 0.9626, 0.1488,
0.0312

 96.6136, 0.2656,
0.1822

 0.0000, 0.1127,
0.0000

 124.1566, 0.2696,
0.1910

 0.0000, 0.0652,
0.0000

156.4920, 0.2730,

 0.0000, 0.0000,

0.1988

0.0000

194.0043, 0.2759,
0.2059

■ 17.3319, 0.2298,
0.1176

■ 17.3319, 0.2298,
0.1176

■ 14.3654, 0.2179,
0.1020

■ 21.6601, 0.2424,
0.1385

■ 12.5108, 0.2071,
0.0918

■ 27.5250, 0.2552,
0.1638

■ 12.3283, 0.2059,
0.0908

■ 35.0735, 0.2676,
0.1919

■ 44.4346, 0.2791,
0.2214

■ 55.7247, 0.2895,
0.2510

■ 69.0501, 0.2987,
0.2797

■ 84.5091, 0.3067,
0.3068

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.



17.3319, 0.1178, 0.0954



17.3319, 0.2298, 0.1176



17.3319, 0.4298, 0.1723

Triad

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



17.3319, 0.2298, 0.1176



17.3319, 0.5678, 0.4322



17.3319, 0.0682, 0.3092

Complementary

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



17.3319, 0.2298, 0.1176



78.1749, 0.3414, 0.5467

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.



17.3319, 0.1398, 0.6152



17.3319, 0.2298, 0.1176



17.3319, 0.4165, 0.5835

Square

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



17.3319, 0.2298, 0.1176



17.3319, 0.6630, 0.3262



17.3319, 0.2659, 0.7238



17.3319, 0.0527, 0.1540

Rectangle

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



17.3319, 0.2298, 0.1176



17.3319, 0.5744, 0.2224



17.3319, 0.2659, 0.7238



17.3319, 0.0842, 0.4009

Sweetspot

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



17.3315, 0.2298, 0.1176



61.8957, 0.2941, 0.2651



30.1844, 0.1920, 0.1891



12.2632, 0.2908, 0.2547



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.



17.3315, 0.2298, 0.1176



13.1214, 0.2111, 0.0952



30.9038, 0.3237, 0.1665



17.8492, 0.3062, 0.3050



6.5314, 0.2075, 0.0917



0.7010, 0.2195, 0.0983

Inverse Universe

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



26.0673, 0.4571, 0.2483



23.0801, 0.4995, 0.2549



72.6029, 0.3005, 0.5737



18.1300, 0.3220, 0.3178



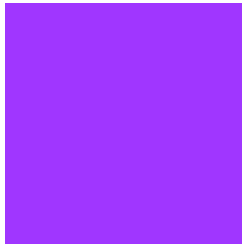
11.8536, 0.5081, 0.2573



1.1760, 0.4812, 0.2424

Previews

White Background



This preview shows how the Yxy color 17.3319, 0.2298, 0.1176 looks on a white background.

Color Contrast Check

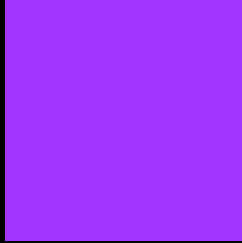
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3319, 0.2298, 0.1176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

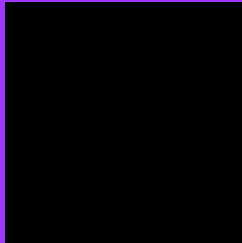
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.3319, 0.2298, 0.1176

Background



This preview shows how black text looks on a background with the Yxy color 17.3319, 0.2298, 0.1176.

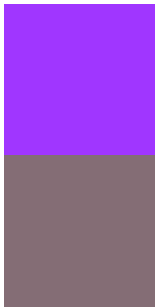


This preview shows how white text looks on a background with the Yxy color 17.3319, 0.2298, 0.1176.

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



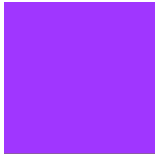
Original Color

17.3319, 0.2298, 0.1176

Tritanopia

17.1272, 0.3339, 0.3143

Trichromacy



Original Color

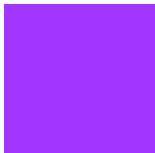
17.3319, 0.2298, 0.1176



Tritanomaly

15.6856, 0.2862, 0.2068

Monochromacy



Original Color

17.3319, 0.2298, 0.1176



Achromatopsia

15.2926, 0.3127, 0.3290



Achromatomaly

14.3426, 0.2742, 0.2070

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3319, 0.2298, 0.1176 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(160, 54, 255)` looks like.

```
.text, #text, p{  
    color:rgb(160, 54, 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(160, 54, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 54, 255) }
```

Border

The CSS property to change the border of an element to Yxy 17.3319, 0.2298, 0.1176 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(160, 54, 255) }
```

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

```
.border{ border-color:rgb(160, 54, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 54, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 54, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 54, 255);  
box-shadow:4px 4px 4px 4px rgb(160, 54,  
255) }
```

Background

The CSS property to change the background color of an element to Yxy 17.3319, 0.2298, 0.1176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 54, 255) }
```

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

```
.background{ background-color: rgb(160, 54,  
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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