

Converting Colors

Yxy(56.6582, 0.3499, 0.2495)

Have a look what the booklet for
Yxy(56.6582, 0.3499, 0.2495)
contains.

Yxy(51.4477, 0.3279, 0.2440)	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>	30

Color

Yxy(51.4477, 0.3279, 0.2440)

Conversions

Conversions Part 1

Format	Color
Hex	FF9CF2
RGB	255, 156, 242
RGB Percent	100%, 61%, 95%
CMY	0.0002, 0.3881, 0.0511
CMYK	0.00, 0.39, 0.05, 0.00
HSL	308°, 100%, 81%
HSV	308°, 39%, 100%
XYZ	69.1381, 51.4477, 90.2654
YIQ	195.4050, 31.3980, 47.7340

Conversions

Conversions Part 2

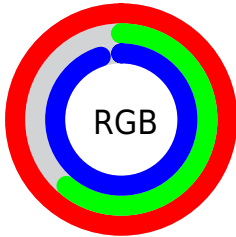
Format	Color
R _Y B	255, 156, 242
Decimal	16751858
CIE Lab	76.95, 49.03, -27.62
CIE LCh	77, 56.275, 330.602
Yxy	51.4477, 0.3279, 0.2440
Android (android.graphics.Color)	4294941938 (0xFFFF9CF2)
YUV	195.4050, 22.9713, 52.2648
Hunter-Lab	71.7271, 46.5348, -24.4050

Details

The Yxy color **51.4477, 0.3279, 0.2440** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **81.4267, 0.3007, 0.4324**, and the grayscale version is **54.6762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5670, 0.3147, 0.2871**, and **24.9182, 0.3304, 0.2247** is the 20% darker color. If you saturate the color by 10%, you get **43.5710, 0.3328, 0.2237**, and if you desaturate by 10%, it is **61.1284, 0.3234, 0.2657**.

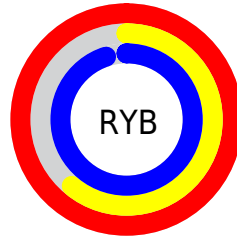
Distribution



Red (100%)

Green (61%)

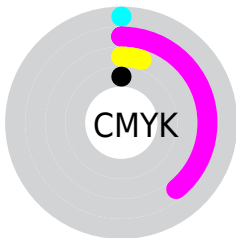
Blue (95%)



Red (100%)

Yellow (61%)

Blue (95%)

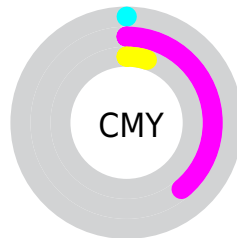


Cyan (0%)

Magenta (39%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4477, 0.3279, 0.2440 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 51.4477, 0.3279, 0.2440 by changing the saturation by 10% instead.


 51.4477, 0.3279,
0.2440


 51.4477, 0.3279,
0.2440


392.3007, 0.3218,
0.2825

 36.5650, 0.3291,
0.2355


 92.3162, 0.3260,
0.2572

 24.8709, 0.3304,
0.2251


 119.0708, 0.3252,
0.2623

 15.9809, 0.3319,
0.2121


150.5516, 0.3244,
0.2668

 9.5106, 0.3334,
0.1957

187.1428, 0.3238,
0.2708

 5.0757, 0.3350,
0.1742

229.2289, 0.3232,
0.2742

 2.2918, 0.3359,
0.1452

277.1944, 0.3227,

 0.7693, 0.3345,

0.2773

0.1045

331.4235, 0.3222,
0.2800

0.0000, 0.3406,
0.0000

0.0000, 0.0000,
0.0000

51.4477, 0.3279,
0.2440

51.4477, 0.3279,
0.2440

43.5710, 0.3328,
0.2237

61.1284, 0.3234,
0.2657

37.3782, 0.3379,
0.2060

72.7095, 0.3192,
0.2880

32.7453, 0.3430,
0.1916

86.2890, 0.3156,
0.3101

29.5286, 0.3481,
0.1815

99.9909, 0.3127,
0.3290

■ 27.5575, 0.3529,
0.1759

■ 26.5855, 0.3573,
0.1746

■ 26.4973, 0.3579,
0.1745

Harmonies

Analogous

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



51.4477, 0.2556, 0.2186



51.4477, 0.3279, 0.2440



51.4477, 0.4044, 0.2868

Triad

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



51.4477, 0.3279, 0.2440



51.4477, 0.4217, 0.4457



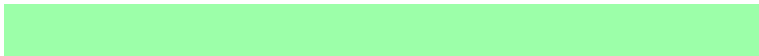
51.4477, 0.1883, 0.2916

Complementary

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



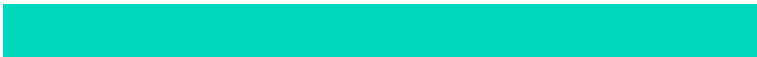
51.4477, 0.3279, 0.2440



81.4267, 0.3007, 0.4324

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.



51.4477, 0.2232, 0.3698



51.4477, 0.3279, 0.2440



51.4477, 0.3571, 0.4693

Square

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



51.4477, 0.3279, 0.2440



51.4477, 0.4598, 0.3960



51.4477, 0.2843, 0.4425



51.4477, 0.1830, 0.2385

Rectangle

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



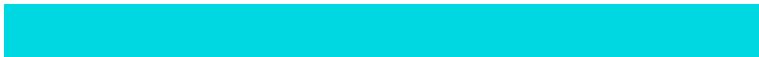
51.4477, 0.3279, 0.2440



51.4477, 0.4427, 0.3216



51.4477, 0.2843, 0.4425



51.4477, 0.1966, 0.3157

Sweetspot

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



51.4500, 0.3279, 0.2440



81.7506, 0.3167, 0.3031



39.2858, 0.2486, 0.2123



17.1117, 0.3172, 0.3002



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.



51.4500, 0.3279, 0.2440



44.8777, 0.3319, 0.2272



48.9342, 0.3720, 0.2897



18.2569, 0.3158, 0.3086



13.8674, 0.3572, 0.1741



1.3611, 0.3524, 0.1715

Inverse Universe

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



51.4500, 0.3279, 0.2440



44.8777, 0.3319, 0.2272



83.5729, 0.2766, 0.3729



18.2569, 0.3158, 0.3086



13.8674, 0.3572, 0.1741



1.3611, 0.3524, 0.1715

Previews

White Background



This preview shows how the Yxy color 51.4477, 0.3279, 0.2440 looks on a white background.

Color Contrast Check

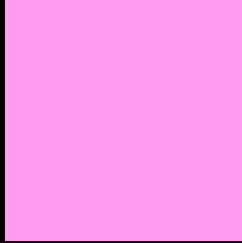
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 51.4477, 0.3279, 0.2440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

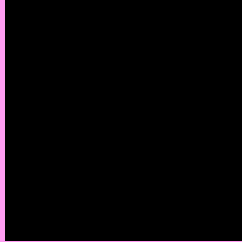
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.4477, 0.3279, 0.2440

Background



This preview shows how black text looks on a background with the Yxy color 51.4477, 0.3279, 0.2440.

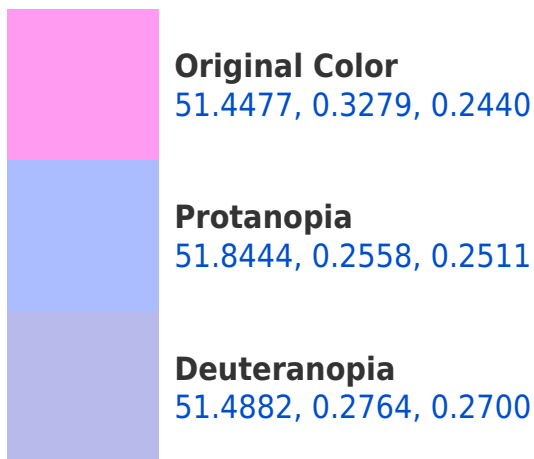


This preview shows how white text looks on a background with the Yxy color 51.4477, 0.3279, 0.2440.

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





Tritanopia

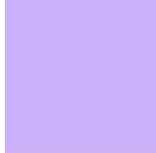
51.1156, 0.3742, 0.3151

Trichromacy



Original Color

51.4477, 0.3279, 0.2440



Protanomaly

50.5094, 0.2790, 0.2466



Deuteranomaly

50.5346, 0.2933, 0.2585



Tritanomaly

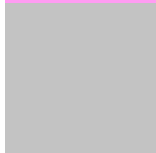
51.1867, 0.3572, 0.2881

Monochromacy



Original Color

51.4477, 0.3279, 0.2440



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

52.5529, 0.3186, 0.2936

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4477, 0.3279, 0.2440 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(255, 156, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 242)  
}
```

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(255, 156, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 242) }
```

Border

The CSS property to change the border of an element to Yxy 51.4477, 0.3279, 0.2440 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(255, 156, 242) }
```

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

```
.border{ border-color:rgb(255, 156, 242) }
```

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

Here you see how a box with a 4 pixel rgb(255, 156, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4477, 0.3279, 0.2440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 242) }
```

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

```
.background{ background-color: rgb(255,  
156, 242) }
```

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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