

Converting Colors

Yxy(52.1422, 0.3196, 0.2356)

Have a look what the booklet for
Yxy(52.1422, 0.3196, 0.2356)
contains.

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Color

Yxy(52.0652, 0.3196, 0.2354)

Conversions

Conversions Part 1

Format	Color
Hex	FF9CFC
RGB	255, 156, 252
RGB Percent	100%, 61%, 99%
CMY	0.0002, 0.3881, 0.0117
CMYK	0.00, 0.39, 0.01, 0.00
HSL	302°, 100%, 81%
HSV	302°, 39%, 100%
XYZ	70.6884, 52.0652, 98.4240
YIQ	196.5450, 28.1880, 50.8440

Conversions

Conversions Part 2

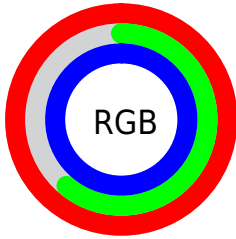
Format	Color
R _Y B	255, 156, 252
Decimal	16751868
CIE Lab	77.32, 50.77, -32.48
CIE LCh	77, 60.271, 327.387
Yxy	52.0652, 0.3196, 0.2354
Android (android.graphics.Color)	4294941948 (0xFFFF9CFC)
YUV	196.5450, 27.3393, 51.2650
Hunter-Lab	72.1562, 48.5954, -30.3646

Details

The Yxy color **52.0652, 0.3196, 0.2354** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **81.0675, 0.3057, 0.4447**, and the grayscale version is **55.3687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5670, 0.3147, 0.2871**, and **25.3132, 0.3203, 0.2155** is the 20% darker color. If you saturate the color by 10%, you get **44.3402, 0.3215, 0.2136**, and if you desaturate by 10%, it is **61.5908, 0.3177, 0.2590**.

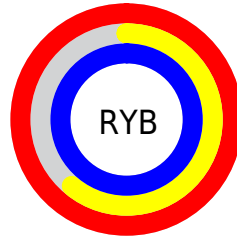
Distribution



Red (100%)

Green (61%)

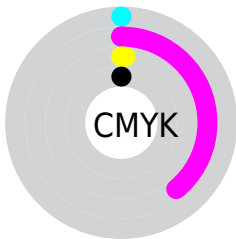
Blue (99%)



Red (100%)

Yellow (61%)

Blue (99%)

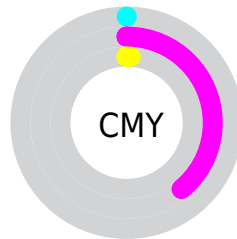


Cyan (0%)

Magenta (39%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (39%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0652, 0.3196, 0.2354 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 52.0652, 0.3196, 0.2354 by changing the saturation by 10% instead.


 52.0652, 0.3196,
0.2354


 52.0652, 0.3196,
0.2354


394.6883, 0.3177,
0.2773

 37.0570, 0.3197,
0.2262


 93.2274, 0.3192,
0.2496

 25.2517, 0.3197,
0.2151


 120.1502, 0.3190,
0.2553

 16.2647, 0.3194,
0.2014


151.8134, 0.3188,
0.2601

 9.7116, 0.3186,
0.1842

188.6013, 0.3185,
0.2644

 5.2082, 0.3168,
0.1620

230.8984, 0.3183,
0.2682

 2.3699, 0.3128,
0.1327

279.0889, 0.3181,

 0.8103, 0.3036,

0.2716

0.0935

333.5574, 0.3179,
0.2746

0.0000, 0.2932,
0.0000

0.0000, 0.0000,
0.0000

52.0652, 0.3196,
0.2354

52.0652, 0.3196,
0.2354

44.3402, 0.3215,
0.2136

61.5908, 0.3177,
0.2590

38.2955, 0.3233,
0.1946

73.0135, 0.3159,
0.2835

33.8074, 0.3249,
0.1793

86.4310, 0.3142,
0.3080

30.7320, 0.3263,
0.1682

99.9923, 0.3127,
0.3290

■ 28.8989, 0.3276,
0.1615

■ 28.0612, 0.3286,
0.1586

■ 27.9893, 0.3287,
0.1584

Harmonies

Analogous

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



52.0652, 0.2450, 0.2111



52.0652, 0.3196, 0.2354



52.0652, 0.4023, 0.2786

Triad

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



52.0652, 0.3196, 0.2354



52.0652, 0.4337, 0.4470



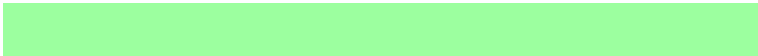
52.0652, 0.1836, 0.2964

Complementary

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



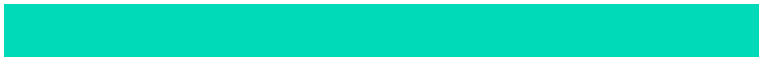
52.0652, 0.3196, 0.2354



81.0675, 0.3057, 0.4447

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.



52.0652, 0.2232, 0.3819



52.0652, 0.3196, 0.2354



52.0652, 0.3669, 0.4783

Square

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



52.0652, 0.3196, 0.2354



52.0652, 0.4707, 0.3923



52.0652, 0.2899, 0.4571



52.0652, 0.1751, 0.2371

Rectangle

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



52.0652, 0.3196, 0.2354



52.0652, 0.4461, 0.3143



52.0652, 0.2899, 0.4571



52.0652, 0.1933, 0.3231

Sweetspot

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



52.0675, 0.3196, 0.2354



81.9479, 0.3147, 0.3002



38.2403, 0.2418, 0.2103



17.1584, 0.3149, 0.2970



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.



52.0675, 0.3196, 0.2354



45.6216, 0.3211, 0.2174



49.3910, 0.3624, 0.2797



18.2905, 0.3143, 0.3063



14.6345, 0.3285, 0.1583



1.4278, 0.3276, 0.1578

Inverse Universe

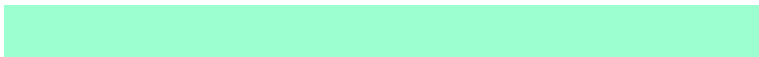
The Inverse Universe completely reimagines the original color for something new.



52.0675, 0.3196, 0.2354



45.6216, 0.3211, 0.2174



83.0769, 0.2815, 0.3850



18.2905, 0.3143, 0.3063



14.6345, 0.3285, 0.1583



1.4278, 0.3276, 0.1578

Previews

White Background



This preview shows how the Yxy color 52.0652, 0.3196, 0.2354 looks on a white background.

Color Contrast Check

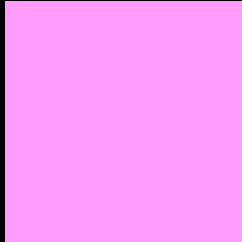
Large Text (above 18pt) WCAG AA × Fail

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 52.0652, 0.3196, 0.2354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

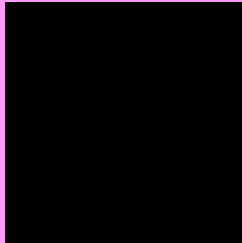
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0652, 0.3196, 0.2354

Background



This preview shows how black text looks on a background with the Yxy color 52.0652, 0.3196, 0.2354.



This preview shows how white text looks on a background with the Yxy color 52.0652, 0.3196, 0.2354.

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

52.0652, 0.3196, 0.2354

Protanopia

52.3858, 0.2566, 0.2524

Deuteranopia

52.4440, 0.2676, 0.2614



Tritanopia

51.7612, 0.3709, 0.3151

Trichromacy



Original Color

52.0652, 0.3196, 0.2354



Protanomaly

51.1566, 0.2764, 0.2439



Deuteranomaly

51.2379, 0.2848, 0.2495



Tritanomaly

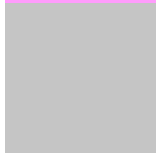
51.6041, 0.3516, 0.2839

Monochromacy



Original Color

52.0652, 0.3196, 0.2354



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

53.3711, 0.3154, 0.2894

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0652, 0.3196, 0.2354 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 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(255, 156, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 252) }
```

Border

The CSS property to change the border of an element to Yxy 52.0652, 0.3196, 0.2354 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, 252) }
```

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

```
.border{ border-color:rgb(255, 156, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0652, 0.3196, 0.2354 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, 252) }
```

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

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