

Converting Colors

Yxy(56.5952, 0.3535, 0.2328)

Have a look what the booklet for
Yxy(56.5952, 0.3535, 0.2328)
contains.

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Color

Yxy(47.7618, 0.3186, 0.2212)

Conversions

Conversions Part 1

Format	Color
Hex	FF8EFE
RGB	255, 142, 254
RGB Percent	100%, 56%, 100%
CMY	0.0002, 0.4430, 0.0039
CMYK	0.00, 0.44, 0.00, 0.00
HSL	301°, 100%, 78%
HSV	301°, 44%, 100%
XYZ	68.7925, 47.7618, 99.3670
YIQ	188.5550, 31.3960, 58.7880

Conversions

Conversions Part 2

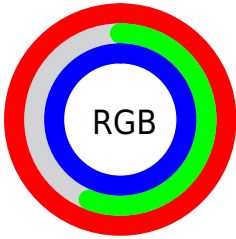
Format	Color
R _Y B	255, 142, 254
Decimal	16748286
CIE Lab	74.67, 58.08, -37.66
CIE LCh	75, 69.224, 327.042
Yxy	47.7618, 0.3186, 0.2212
Android (android.graphics.Color)	4294938366 (0xFFFF8EFE)
YUV	188.5550, 32.2644, 58.2723
Hunter-Lab	69.1099, 56.7379, -36.8709

Details

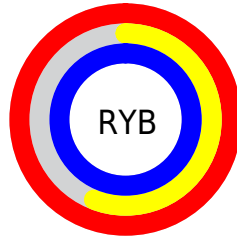
The Yxy color **47.7618, 0.3186, 0.2212** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **79.2312, 0.3057, 0.4671**, and the grayscale version is **50.4244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8682, 0.3153, 0.2732**, and **22.5834, 0.3177, 0.1979** is the 20% darker color. If you saturate the color by 10%, you get **41.0095, 0.3198, 0.2006**, and if you desaturate by 10%, it is **56.2534, 0.3173, 0.2443**.

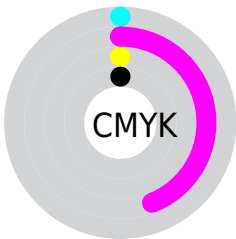
Distribution



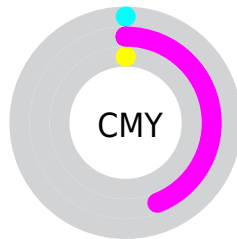
- Red (100%)
- Green (56%)
- Blue (100%)



- Red (100%)
- Yellow (56%)
- Blue (100%)



- Cyan (0%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7618, 0.3186, 0.2212 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 47.7618, 0.3186, 0.2212 by changing the saturation by 10% instead.


 47.7618, 0.3186,
0.2212

 47.7618, 0.3186,
0.2212


377.8472, 0.3177,
0.2693

 33.6383, 0.3184,
0.2107


 86.8496, 0.3186,
0.2375

 22.6159, 0.3179,
0.1981


 112.5828, 0.3185,
0.2439

 14.3101, 0.3169,
0.1827


142.9545, 0.3184,
0.2496

 8.3367, 0.3151,
0.1634

178.3494, 0.3183,
0.2545

 4.3111, 0.3116,
0.1390

219.1517, 0.3181,
0.2588

 1.8491, 0.3048,
0.1075

265.7458, 0.3180,

 0.5175, 0.2920,

0.2627

0.0623

318.5162, 0.3178,
0.2662

0.0000, 0.2634,
0.0000

0.0000, 0.0000,
0.0000

47.7618, 0.3186,
0.2212

47.7618, 0.3186,
0.2212

41.0095, 0.3198,
0.2006

56.2534, 0.3173,
0.2443

35.8702, 0.3209,
0.1833

66.5863, 0.3159,
0.2688

32.2109, 0.3218,
0.1701

78.8624, 0.3146,
0.2938

29.8748, 0.3224,
0.1612

93.1742, 0.3133,
0.3186

■ 28.6695, 0.3229,
0.1566

99.9926, 0.3127,
0.3290

■ 28.3326, 0.3231,
0.1553

Harmonies

Analogous

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



47.7618, 0.2328, 0.1941



47.7618, 0.3186, 0.2212



47.7618, 0.4171, 0.2692

Triad

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



47.7618, 0.3186, 0.2212



47.7618, 0.4510, 0.4617



47.7618, 0.1643, 0.2894

Complementary

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



47.7618, 0.3186, 0.2212



79.2312, 0.3057, 0.4671

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.



47.7618, 0.2082, 0.3928



47.7618, 0.3186, 0.2212



47.7618, 0.3730, 0.5049

Square

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



47.7618, 0.3186, 0.2212



47.7618, 0.4965, 0.3964



47.7618, 0.2843, 0.4848



47.7618, 0.1555, 0.2217

Rectangle

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



47.7618, 0.3186, 0.2212



47.7618, 0.4694, 0.3089



47.7618, 0.2843, 0.4848



47.7618, 0.1749, 0.3210

Sweetspot

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



47.7639, 0.3186, 0.2212



80.6249, 0.3144, 0.2971



32.3258, 0.2288, 0.1902



16.6276, 0.3147, 0.2916



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.



47.7639, 0.3186, 0.2212



41.8038, 0.3197, 0.2031



44.7076, 0.3706, 0.2710



18.2976, 0.3139, 0.3058



14.8108, 0.3230, 0.1553



1.4429, 0.3228, 0.1552

Inverse Universe

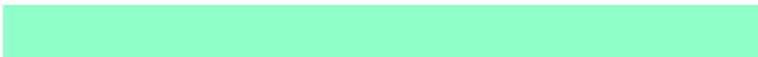
The Inverse Universe completely reimagines the original color for something new.



47.7639, 0.3186, 0.2212



41.8038, 0.3197, 0.2031



81.3487, 0.2789, 0.3970



18.2976, 0.3139, 0.3058



14.8108, 0.3230, 0.1553



1.4429, 0.3228, 0.1552

Previews

White Background



This preview shows how the Yxy color 47.7618, 0.3186, 0.2212 looks on a white background.

Color Contrast Check

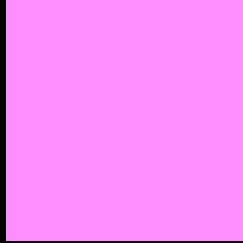
Large Text (above 18pt) WCAG AA × Fail

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 47.7618, 0.3186, 0.2212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

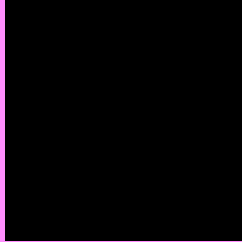
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7618, 0.3186, 0.2212

Background



This preview shows how black text looks on a background with the Yxy color 47.7618, 0.3186, 0.2212.



This preview shows how white text looks on a background with the Yxy color 47.7618, 0.3186, 0.2212.

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

47.7618, 0.3186, 0.2212

Protanopia

48.2530, 0.2486, 0.2424

Deuteranopia

47.9786, 0.2567, 0.2500



Tritanopia

47.5326, 0.3835, 0.3161

Trichromacy



Original Color

47.7618, 0.3186, 0.2212



Protanomaly

46.4595, 0.2698, 0.2305



Deuteranomaly

46.6817, 0.2761, 0.2359

Tritanomaly

47.1865, 0.3594, 0.2775

Monochromacy



Original Color

47.7618, 0.3186, 0.2212



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

48.4553, 0.3149, 0.2815

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7618, 0.3186, 0.2212 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, 142, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 254)  
}
```

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, 142, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 254) }
```

Border

The CSS property to change the border of an element to Yxy 47.7618, 0.3186, 0.2212 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, 142, 254) }
```

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

```
.border{ border-color:rgb(255, 142, 254) }
```

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

Here you see how a box with a 4 pixel rgb(255, 142, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7618, 0.3186, 0.2212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 254) }
```

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

```
.background{ background-color: rgb(255,  
142, 254) }
```

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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