

Converting Colors

$Y_{xy}(44.3242, 0.3330, 0.2210)$

Have a look what the booklet for
Yxy(44.3242, 0.3330, 0.2210)
contains.

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Color

Yxy(43.6963, 0.3288, 0.2197)

Conversions

Conversions Part 1

Format	Color
Hex	FF82F3
RGB	255, 130, 243
RGB Percent	100%, 51%, 95%
CMY	0.0001, 0.4901, 0.0470
CMYK	0.00, 0.49, 0.05, 0.00
HSL	306°, 100%, 75%
HSV	306°, 49%, 100%
XYZ	65.3953, 43.6963, 89.7992
YIQ	180.2570, 38.2270, 61.6430

Conversions

Conversions Part 2

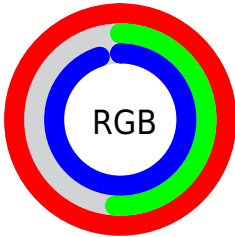
Format	Color
R _Y B	255, 130, 243
Decimal	16745203
CIE _{Lab}	72.03, 61.99, -35.79
CIE _{LCh}	72, 71.579, 329.999
Yxy	43.6963, 0.3288, 0.2197
Android (android.graphics.Color)	4294935283 (0xFFFF82F3)
YUV	180.2570, 30.9323, 65.5496
Hunter-Lab	66.1032, 60.9079, -34.2715

Details

The Yxy color **43.6963, 0.3288, 0.2197** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **78.2026, 0.3001, 0.4708**, and the grayscale version is **45.6056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0206, 0.3158, 0.2624**, and **20.1785, 0.3315, 0.1963** is the 20% darker color. If you saturate the color by 10%, you get **37.5874, 0.3327, 0.2015**, and if you desaturate by 10%, it is **51.4914, 0.3250, 0.2405**.

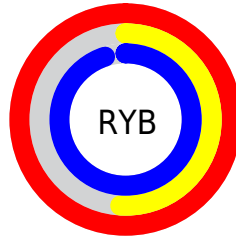
Distribution



Red (100%)

Green (51%)

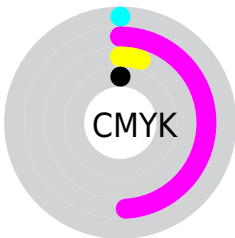
Blue (95%)



Red (100%)

Yellow (51%)

Blue (95%)

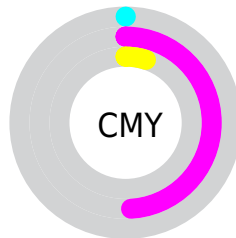


Cyan (0%)

Magenta (49%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (49%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6963, 0.3288, 0.2197 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 43.6963, 0.3288, 0.2197 by changing the saturation by 10% instead.


 43.6963, 0.3288,
0.2197


 43.6963, 0.3288,
0.2197


361.4675, 0.3229,
0.2691

 30.4318, 0.3297,
0.2088


 80.7606, 0.3271,
0.2365

 20.1666, 0.3306,
0.1957


 105.3291, 0.3263,
0.2432

 12.5162, 0.3314,
0.1795


 134.4345, 0.3256,
0.2489

 7.0963, 0.3319,
0.1591

168.4611, 0.3250,
0.2540

 3.5224, 0.3313,
0.1331

207.7933, 0.3244,
0.2584

 1.4101, 0.3281,
0.0996

252.8155, 0.3239,

 0.2242, 0.3255,

0.2624

0.0352

303.9121, 0.3234,
0.2659

0.0000, 0.2884,
0.0000

0.0000, 0.0000,
0.0000

43.6963, 0.3288,
0.2197

43.6963, 0.3288,
0.2197

37.5874, 0.3327,
0.2015

51.4914, 0.3250,
0.2405

33.0324, 0.3365,
0.1869

61.0802, 0.3214,
0.2629

29.8888, 0.3402,
0.1765

72.5684, 0.3181,
0.2860

27.9855, 0.3436,
0.1705

86.0517, 0.3151,
0.3089

■ 27.0699, 0.3468,
0.1687

99.9949, 0.3127,
0.3290

■ 27.0012, 0.3471,
0.1686

Harmonies

Analogous

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



43.6963, 0.2356, 0.1891



43.6963, 0.3288, 0.2197



43.6963, 0.4332, 0.2714

Triad

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



43.6963, 0.3288, 0.2197



43.6963, 0.4502, 0.4737



43.6963, 0.1541, 0.2769

Complementary

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



43.6963, 0.3288, 0.2197



78.2026, 0.3001, 0.4708

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.



43.6963, 0.1955, 0.3851



43.6963, 0.3288, 0.2197



43.6963, 0.3656, 0.5177

Square

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



43.6963, 0.3288, 0.2197



43.6963, 0.5041, 0.4047



43.6963, 0.2725, 0.4896



43.6963, 0.1487, 0.2106

Rectangle

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



43.6963, 0.3288, 0.2197



43.6963, 0.4857, 0.3132



43.6963, 0.2725, 0.4896



43.6963, 0.1636, 0.3092

Sweetspot

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



43.6983, 0.3288, 0.2197



77.7435, 0.3169, 0.2952



28.8024, 0.2252, 0.1757



16.0507, 0.3175, 0.2903



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.



43.6983, 0.3288, 0.2197



37.5994, 0.3327, 0.2015



40.6067, 0.3913, 0.2755



18.2687, 0.3153, 0.3078



14.1244, 0.3466, 0.1683



1.3836, 0.3433, 0.1665

Inverse Universe

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



43.6983, 0.3288, 0.2197



37.5994, 0.3327, 0.2015



80.5579, 0.2714, 0.3923



18.2687, 0.3153, 0.3078



14.1244, 0.3466, 0.1683



1.3836, 0.3433, 0.1665

Previews

White Background



This preview shows how the Yxy color 43.6963, 0.3288, 0.2197 looks on a white background.

Color Contrast Check

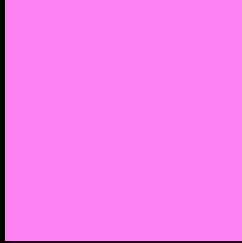
Large Text (above 18pt) WCAG AA × Fail

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 43.6963, 0.3288, 0.2197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

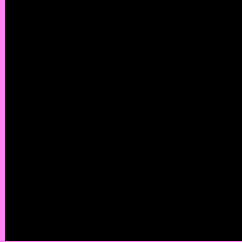
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6963, 0.3288, 0.2197

Background



This preview shows how black text looks on a background with the Yxy color 43.6963, 0.3288, 0.2197.



This preview shows how white text looks on a background with the Yxy color 43.6963, 0.3288, 0.2197.

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

43.6963, 0.3288, 0.2197

Protanopia

43.9761, 0.2403, 0.2309

Deuteranopia

43.9516, 0.2593, 0.2530



Tritanopia

43.4454, 0.3998, 0.3172

Trichromacy



Original Color

43.6963, 0.3288, 0.2197



Protanomaly

42.1101, 0.2662, 0.2225



Deuteranomaly

42.3625, 0.2814, 0.2364



Tritanomaly

43.2034, 0.3739, 0.2783

Monochromacy



Original Color

43.6963, 0.3288, 0.2197



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.4179, 0.3187, 0.2799

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6963, 0.3288, 0.2197 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, 130, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 243)  
}
```

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, 130, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 243) }
```

Border

The CSS property to change the border of an element to Yxy 43.6963, 0.3288, 0.2197 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, 130, 243) }
```

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

```
.border{ border-color:rgb(255, 130, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6963, 0.3288, 0.2197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 243) }
```

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

```
.background{ background-color: rgb(255,  
130, 243) }
```

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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