

Converting Colors

$Yxy(11.3360, 0.6244, 0.1874)$

Have a look what the booklet for
Yxy(11.3360, 0.6244, 0.1874)
contains.

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Color

Yxy(21.9154, 0.5516, 0.2812)

Conversions

Conversions Part 1

Format	Color
Hex	FE0060
RGB	254, 0, 96
RGB Percent	100%, 0%, 38%
CMY	0.0039, 1.0000, 0.6235
CMYK	0.00, 1.00, 0.62, 0.00
HSL	337°, 100%, 50%
HSV	337°, 100%, 100%
XYZ	42.9891, 21.9154, 13.0308
YIQ	86.8900, 120.5680, 83.7040

Conversions

Conversions Part 2

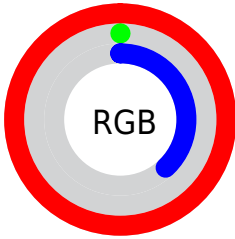
Format	Color
RYB	254, 0, 96
Decimal	16646240
CIELab	53.94, 82.35, 22.02
CIElCh	54, 85.245, 14.971
Yxy	21.9154, 0.5516, 0.2812
Android (android.graphics.Color)	4294836320 (0xFFFE0060)
YUV	86.8900, 4.4912, 146.5555
Hunter-Lab	46.8139, 81.9919, 16.2662

Details

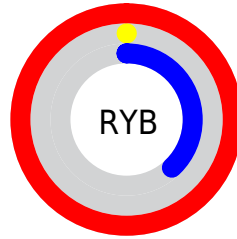
The Yxy color **21.9154, 0.5516, 0.2812** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **73.3633, 0.2613, 0.4605**, and the grayscale version is **9.4776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.0707, 0.4473, 0.2824**, and **11.0578, 0.5870, 0.3007** is the 20% darker color. If you saturate the color by 10%, you get **21.9185, 0.5516, 0.2812**, and if you desaturate by 10%, it is **22.9520, 0.5226, 0.2717**.

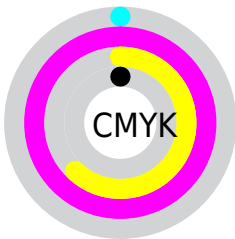
Distribution



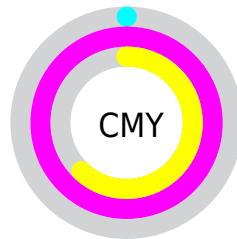
- Red (100%)
- Green (0%)
- Blue (38%)



- Red (100%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.9154, 0.5516, 0.2812 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 21.9154, 0.5516, 0.2812 by changing the saturation by 10% instead.


 21.9154, 0.5516,
0.2812

 21.9154, 0.5516,
0.2812


262.1042, 0.4191,
0.3143


 13.7947, 0.5875,
0.2695


 46.6061, 0.5009,
0.2957


 7.9780, 0.6342,
0.2525


 63.9450, 0.4826,
0.3004

 4.0809, 0.6958,
0.2266

 85.1254, 0.4674,
0.3041

 1.7189, 0.7944,
0.1901

 110.5317, 0.4546,
0.3070

 0.4359, 0.8926,
0.1074

 140.5484, 0.4437,
0.3093

 0.0000, 1.0000,
0.0000

175.5597, 0.4344,

 0.0000, 0.0000,

0.3113

0.0000

215.9502, 0.4262,
0.3129

■ 21.9154, 0.5516,
0.2812

■ 21.9154, 0.5516,
0.2812

■ 21.9185, 0.5516,
0.2812

■ 22.9520, 0.5226,
0.2717

■ 24.9726, 0.4907,
0.2669

■ 28.2666, 0.4582,
0.2672

■ 33.0100, 0.4272,
0.2719

■ 39.3504, 0.3993,
0.2796

■ 47.4170, 0.3752,
0.2890

■ 57.3259, 0.3548,
0.2992

■ 69.1828, 0.3380,
0.3096

■ 83.0854, 0.3241,
0.3196

Harmonies

Analogous

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



21.9154, 0.4116, 0.2098



21.9154, 0.5516, 0.2812



21.9154, 0.5911, 0.3598

Triad

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



21.9154, 0.5516, 0.2812



21.9154, 0.3000, 0.6162



21.9154, 0.1089, 0.1440

Complementary

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



21.9154, 0.5516, 0.2812



73.3633, 0.2613, 0.4605

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.



21.9154, 0.0943, 0.1938



21.9154, 0.5516, 0.2812



21.9154, 0.1864, 0.5107

Square

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



21.9154, 0.5516, 0.2812



21.9154, 0.4227, 0.5584



21.9154, 0.1153, 0.3159



21.9154, 0.1595, 0.1358

Rectangle

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



21.9154, 0.5516, 0.2812



21.9154, 0.5594, 0.4194



21.9154, 0.1153, 0.3159



21.9154, 0.1004, 0.1549

Sweetspot

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



21.9185, 0.5516, 0.2812



57.8253, 0.3549, 0.2992



14.2891, 0.2252, 0.1014



11.4248, 0.3630, 0.2949



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.



21.9185, 0.5516, 0.2812



22.1114, 0.5516, 0.2812



21.9842, 0.6322, 0.3362



18.1007, 0.3235, 0.3200



11.5803, 0.5473, 0.2789



1.1480, 0.5165, 0.2619

Inverse Universe

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



21.9185, 0.5516, 0.2812



22.1114, 0.5516, 0.2812



60.6734, 0.2142, 0.2911



18.1007, 0.3235, 0.3200



11.5803, 0.5473, 0.2789



1.1480, 0.5165, 0.2619

Previews

White Background



This preview shows how the Yxy color 21.9154, 0.5516, 0.2812 looks on a white background.

Color Contrast Check

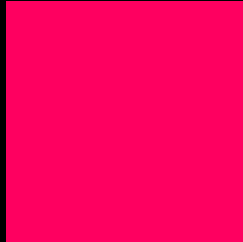
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 21.9154, 0.5516, 0.2812 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 × Fail

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

Yxy 21.9154, 0.5516, 0.2812

Background



This preview shows how black text looks on a background with the Yxy color 21.9154, 0.5516, 0.2812.



This preview shows how white text looks on a background with the Yxy color 21.9154, 0.5516, 0.2812.

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

21.9154, 0.5516, 0.2812

Protanopia

22.3398, 0.3022, 0.3098

Deuteranopia

22.4912, 0.4007, 0.3939



Tritanopia

22.2739, 0.6124, 0.3312

Trichromacy



Original Color

21.9154, 0.5516, 0.2812



Protanomaly

16.6038, 0.3929, 0.2681



Deuteranomaly

17.6651, 0.4755, 0.3180



Tritanomaly

21.8834, 0.5985, 0.3147

Monochromacy



Original Color

21.9154, 0.5516, 0.2812



Achromatopsia

9.5307, 0.3127, 0.3290



Achromatomaly

9.7665, 0.4292, 0.2718

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.9154, 0.5516, 0.2812 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(254, 0, 96)` looks like.

```
.text, #text, p{  
    color:rgb(254, 0, 96)  
}
```

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(254, 0, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 0, 96) }
```

Border

The CSS property to change the border of an element to Yxy 21.9154, 0.5516, 0.2812 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(254, 0, 96) }
```

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

```
.border{ border-color:rgb(254, 0, 96) }
```

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

Here you see how a box with a 4 pixel rgb(254, 0, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 0, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 0, 96);  
box-shadow:4px 4px 4px 4px rgb(254, 0, 96)  
}
```


Background

The CSS property to change the background color of an element to Yxy 21.9154, 0.5516, 0.2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 0, 96) }
```

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

```
.background{ background-color: rgb(254, 0,  
96) }
```

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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