

Converting Colors

$Yxy(21.9129, 0.5430, 0.2974)$

Have a look what the booklet for
Yxy(21.9129, 0.5430, 0.2974)
contains.

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Color

Yxy(22.0043, 0.5430, 0.2974)

Conversions

Conversions Part 1

Format	Color
Hex	F42F5A
RGB	244, 47, 90
RGB Percent	96%, 18%, 35%
CMY	0.0431, 0.8158, 0.6470
CMYK	0.00, 0.81, 0.63, 0.04
HSL	347°, 90%, 57%
HSV	347°, 81%, 96%
XYZ	40.1760, 22.0043, 11.8086
YIQ	110.8050, 103.6090, 55.1370

Conversions

Conversions Part 2

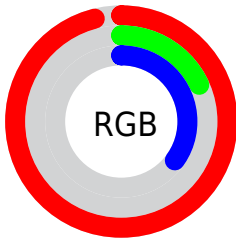
Format	Color
RYB	244, 47, 90
Decimal	16002906
CIELab	54.03, 73.38, 25.37
CIELCh	54, 77.644, 19.069
Yxy	22.0043, 0.5430, 0.2974
Android (android.graphics.Color)	4294192986 (0xFFFF42F5A)
YUV	110.8050, -10.2569, 116.8120
Hunter-Lab	46.9087, 70.7898, 17.9107

Details

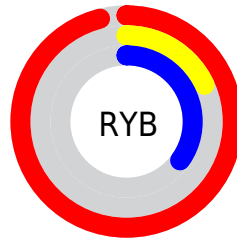
The Yxy color **22.0043, 0.5430, 0.2974** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **69.5312, 0.2449, 0.3864**, and the grayscale version is **15.8414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.9637, 0.4485, 0.3023**, and **9.8928, 0.5926, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **20.2865, 0.5795, 0.3034**, and if you desaturate by 10%, it is **24.8965, 0.5023, 0.2953**.

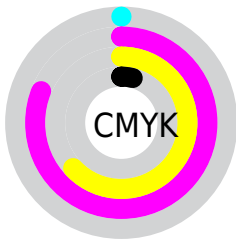
Distribution



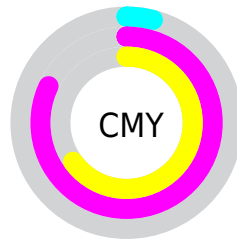
- Red (96%)
- Green (18%)
- Blue (35%)



- Red (96%)
- Yellow (18%)
- Blue (35%)



- Cyan (0%)
- Magenta (81%)
- Yellow (63%)
- Black (4%)



- Cyan (4%)
- Magenta (82%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0043, 0.5430, 0.2974 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 22.0043, 0.5430, 0.2974 by changing the saturation by 10% instead.


 22.0043, 0.5430,
0.2974


 22.0043, 0.5430,
0.2974


262.5687, 0.4149,
0.3223

 13.8601, 0.5779,
0.2875


 46.7531, 0.4939,
0.3091


 8.0234, 0.6233,
0.2724


 64.1265, 0.4762,
0.3126


 4.1099, 0.6833,
0.2483

 85.3450, 0.4615,
0.3153

 1.7352, 0.7852,
0.2148

 110.7930, 0.4491,
0.3174

 0.4463, 0.8741,
0.1259

 140.8550, 0.4386,
0.3191

 0.0000, 1.0000,
0.0000

175.9154, 0.4296,

 0.0000, 0.0000,

0.3204

0.0000

216.3585, 0.4218,
0.3214

■ 22.0043, 0.5430,
0.2974

■ 22.0043, 0.5430,
0.2974

■ 20.2865, 0.5795,
0.3034

■ 24.8965, 0.5023,
0.2953


■ 19.4964, 0.6062,
0.3113


■ 29.1237, 0.4621,
0.2965


■ 34.8255, 0.4254,
0.3003


■ 42.1226, 0.3937,
0.3055

■ 51.1231, 0.3672,
0.3113

 61.9259, 0.3455,
0.3173

 74.6220, 0.3279,
0.3231

 89.2964, 0.3137,
0.3286

 97.9764, 0.3060,
0.3290

Harmonies

Analogous

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



22.0043, 0.4240, 0.2270



22.0043, 0.5430, 0.2974



22.0043, 0.5691, 0.3753

Triad

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



22.0043, 0.5430, 0.2974



22.0043, 0.2910, 0.5854



22.0043, 0.1250, 0.1528

Complementary

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



22.0043, 0.5430, 0.2974



69.5312, 0.2449, 0.3864

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.



22.0043, 0.1068, 0.1954



22.0043, 0.5430, 0.2974



22.0043, 0.1860, 0.4686

Square

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



22.0043, 0.5430, 0.2974



22.0043, 0.4067, 0.5568



22.0043, 0.1233, 0.2993



22.0043, 0.1798, 0.1485

Rectangle

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



22.0043, 0.5430, 0.2974



22.0043, 0.5364, 0.4335



22.0043, 0.1233, 0.2993



22.0043, 0.1152, 0.1619

Sweetspot

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



22.0056, 0.5430, 0.2974



64.2681, 0.3522, 0.3153



20.5746, 0.2734, 0.1384



12.8450, 0.3599, 0.3132



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.



22.0056, 0.5430, 0.2974



21.7706, 0.5988, 0.3090



28.4631, 0.5516, 0.3709



16.5418, 0.3259, 0.3238



10.6157, 0.6025, 0.3093



0.9477, 0.5685, 0.2905

Inverse Universe

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



22.0056, 0.5430, 0.2974



21.7706, 0.5988, 0.3090



44.6042, 0.2093, 0.2576



16.5418, 0.3259, 0.3238



10.6157, 0.6025, 0.3093



0.9477, 0.5685, 0.2905

Previews

White Background



This preview shows how the Yxy color 22.0043, 0.5430, 0.2974 looks on a white background.

Color Contrast Check

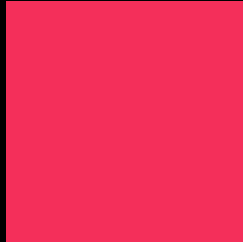
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0043, 0.5430, 0.2974 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 22.0043, 0.5430, 0.2974

Background



This preview shows how black text looks on a background with the Yxy color 22.0043, 0.5430, 0.2974.



This preview shows how white text looks on a background with the Yxy color 22.0043, 0.5430, 0.2974.

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

22.0043, 0.5430, 0.2974

Protanopia

22.1677, 0.3218, 0.3361

Deuteranopia

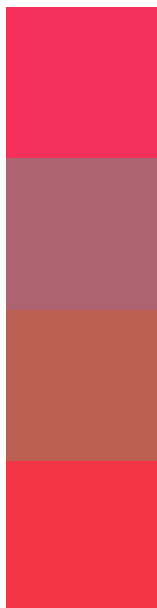
22.1626, 0.4072, 0.4000



Tritanopia

22.0726, 0.5822, 0.3292

Trichromacy



Original Color

22.0043, 0.5430, 0.2974

Protanomaly

18.9778, 0.4017, 0.3096

Deuteranomaly

19.8247, 0.4664, 0.3454

Tritanomaly

21.9280, 0.5703, 0.3187

Monochromacy



Original Color

22.0043, 0.5430, 0.2974

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.3296, 0.4024, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0043, 0.5430, 0.2974 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(244, 47, 90)` looks like.

```
.text, #text, p{  
    color:rgb(244, 47, 90)  
}
```

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(244, 47, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 47, 90) }
```

Border

The CSS property to change the border of an element to Yxy 22.0043, 0.5430, 0.2974 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(244, 47, 90) }
```

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

```
.border{ border-color:rgb(244, 47, 90) }
```

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

Here you see how a box with a 4 pixel rgb(244, 47, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 47, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 47, 90);  
box-shadow:4px 4px 4px 4px rgb(244, 47,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0043, 0.5430, 0.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 47, 90) }
```

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

```
.background{ background-color: rgb(244, 47,  
90) }
```

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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