

Converting Colors

$Y_{xy}(22.3486, 0.5396, 0.2968)$

Have a look what the booklet for
Yxy(22.3486, 0.5396, 0.2968)
contains.

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Color

Yxy(22.3818, 0.5398, 0.2970)

Conversions

Conversions Part 1

Format	Color
Hex	F5315C
RGB	245, 49, 92
RGB Percent	96%, 19%, 36%
CMY	0.0393, 0.8075, 0.6393
CMYK	0.00, 0.80, 0.62, 0.04
HSL	347°, 91%, 58%
HSV	347°, 80%, 96%
XYZ	40.6791, 22.3818, 12.2987
YIQ	112.5060, 103.0130, 54.9250

Conversions

Conversions Part 2

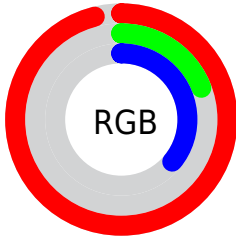
Format	Color
R_{YB}	245, 49, 92
Decimal	16068956
CIE _{Lab}	54.43, 73.23, 24.75
CIE _{LCh}	54, 77.297, 18.676
Yxy	22.3818, 0.5398, 0.2970
Android (android.graphics.Color)	4294259036 (0xFFFF5315C)
YUV	112.5060, -10.1095, 116.1972
Hunter-Lab	47.3094, 70.6922, 17.7034

Details

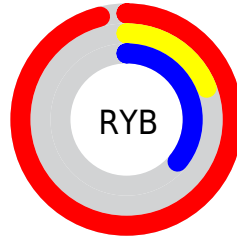
The Yxy color **22.3818, 0.5398, 0.2970** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **70.2106, 0.2451, 0.3860**, and the grayscale version is **16.3779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4745, 0.4450, 0.3021**, and **10.0290, 0.5896, 0.3022** is the 20% darker color. If you saturate the color by 10%, you get **20.5642, 0.5768, 0.3027**, and if you desaturate by 10%, it is **25.3987, 0.4990, 0.2951**.

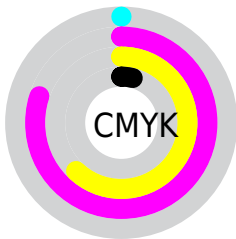
Distribution



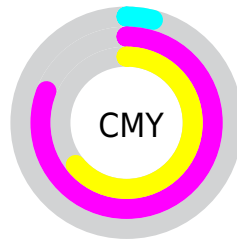
- Red (96%)
- Green (19%)
- Blue (36%)



- Red (96%)
- Yellow (19%)
- Blue (36%)



- Cyan (0%)
- Magenta (80%)
- Yellow (62%)
- Black (4%)





- Cyan (4%)
- Magenta (81%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.3818, 0.5398, 0.2970 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 22.3818, 0.5398, 0.2970 by changing the saturation by 10% instead.

 22.3818, 0.5398,
0.2970

 22.3818, 0.5398,
0.2970


264.5337, 0.4137,
0.3218


 14.1377, 0.5741,
0.2873


 47.3762, 0.4915,
0.3085


 8.2165, 0.6189,
0.2725


 64.8953, 0.4740,
0.3121


 4.2338, 0.6782,
0.2491


 86.2749, 0.4596,
0.3148

 1.8052, 0.7816,
0.2173

 111.8994, 0.4474,
0.3168

 0.4904, 0.8668,
0.1332

 142.1531, 0.4371,
0.3185

 0.0000, 1.0000,
0.0000

177.4204, 0.4282,

 0.0000, 0.0000,

0.3198

0.0000

218.0858, 0.4205,
0.3209

■ 22.3818, 0.5398,
0.2970

■ 22.3818, 0.5398,
0.2970

■ 20.5642, 0.5768,
0.3027

■ 25.3987, 0.4990,
0.2951

■ 19.6732, 0.6060,
0.3112


■ 29.7746, 0.4590,
0.2967

■ 19.6709, 0.6061,
0.3112


■ 35.6487, 0.4226,
0.3005

■ 43.1416, 0.3914,
0.3058

■ 52.3618, 0.3653,
0.3117

 63.4084, 0.3439,
0.3178

 76.3727, 0.3267,
0.3236

 91.3401, 0.3127,
0.3290

 98.1477, 0.3066,
0.3290

Harmonies

Analogous

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



22.3818, 0.4211, 0.2270



22.3818, 0.5398, 0.2970



22.3818, 0.5674, 0.3746

Triad

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



22.3818, 0.5398, 0.2970



22.3818, 0.2932, 0.5831



22.3818, 0.1258, 0.1543

Complementary

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



22.3818, 0.5398, 0.2970



70.2106, 0.2451, 0.3860

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.



22.3818, 0.1081, 0.1975



22.3818, 0.5398, 0.2970



22.3818, 0.1884, 0.4693

Square

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



22.3818, 0.5398, 0.2970



22.3818, 0.4081, 0.5542



22.3818, 0.1253, 0.3017



22.3818, 0.1798, 0.1495

Rectangle

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



22.3818, 0.5398, 0.2970



22.3818, 0.5359, 0.4323



22.3818, 0.1253, 0.3017



22.3818, 0.1162, 0.1636

Sweetspot

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



22.3831, 0.5398, 0.2970



64.2697, 0.3521, 0.3153



20.9721, 0.2739, 0.1394



12.8454, 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.



22.3831, 0.5398, 0.2970



21.8496, 0.5959, 0.3080



28.9987, 0.5489, 0.3711



16.5419, 0.3259, 0.3238



10.6165, 0.6024, 0.3092



0.9478, 0.5683, 0.2904

Inverse Universe

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



22.3831, 0.5398, 0.2970



21.8496, 0.5959, 0.3080



45.2682, 0.2098, 0.2584



16.5419, 0.3259, 0.3238



10.6165, 0.6024, 0.3092



0.9478, 0.5683, 0.2904

Previews

White Background



This preview shows how the Yxy color 22.3818, 0.5398, 0.2970 looks on a white background.

Color Contrast Check

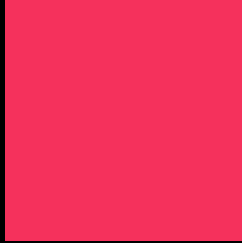
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3818, 0.5398, 0.2970 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 22.3818, 0.5398, 0.2970

Background



This preview shows how black text looks on a background with the Yxy color 22.3818, 0.5398, 0.2970.



This preview shows how white text looks on a background with the Yxy color 22.3818, 0.5398, 0.2970.

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

22.3818, 0.5398, 0.2970

Protanopia

22.5659, 0.3206, 0.3343

Deuteranopia

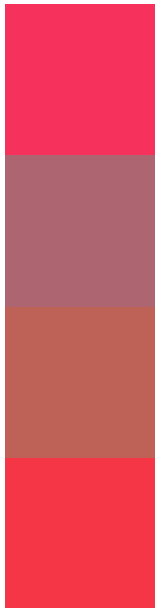
22.5455, 0.4054, 0.3981



Tritanopia

22.4648, 0.5792, 0.3291

Trichromacy



Original Color

22.3818, 0.5398, 0.2970

Protanomaly

19.5209, 0.3990, 0.3097

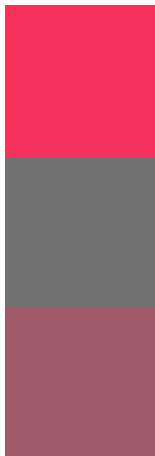
Deuteranomaly

20.1684, 0.4638, 0.3440

Tritanomaly

22.3136, 0.5672, 0.3185

Monochromacy



Original Color

22.3818, 0.5398, 0.2970

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

15.9093, 0.4009, 0.3051

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3818, 0.5398, 0.2970 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(245, 49, 92)` looks like.

```
.text, #text, p{  
    color:rgb(245, 49, 92)  
}
```

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(245, 49, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 49, 92) }
```

Border

The CSS property to change the border of an element to Yxy 22.3818, 0.5398, 0.2970 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(245, 49, 92) }
```

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

```
.border{ border-color:rgb(245, 49, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 49, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 49, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 49, 92);  
box-shadow:4px 4px 4px 4px rgb(245, 49,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3818, 0.5398, 0.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 49, 92) }
```

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

```
.background{ background-color: rgb(245, 49,  
92) }
```

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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