

Converting Colors

$Y_{xy}(22.0655, 0.5415, 0.2971)$

Have a look what the booklet for
Yxy(22.0655, 0.5415, 0.2971)
contains.

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Color

Yxy(22.1023, 0.5411, 0.2971)

Conversions

Conversions Part 1

Format	Color
Hex	F4305B
RGB	244, 48, 91
RGB Percent	96%, 19%, 36%
CMY	0.0431, 0.8117, 0.6432
CMYK	0.00, 0.80, 0.63, 0.04
HSL	347°, 90%, 57%
HSV	347°, 80%, 96%
XYZ	40.2543, 22.1023, 12.0369
YIQ	111.5060, 103.0130, 54.9250

Conversions

Conversions Part 2

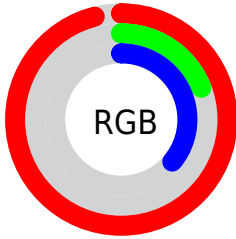
Format	Color
R_{YB}	244, 48, 91
Decimal	16003163
CIE _{Lab}	54.14, 73.18, 24.94
CIE _{LCh}	54, 77.311, 18.816
Yxy	22.1023, 0.5411, 0.2971
Android (android.graphics.Color)	4294193243 (0xFFFF4305B)
YUV	111.5060, -10.1095, 116.1972
Hunter-Lab	47.0131, 70.5653, 17.7290

Details

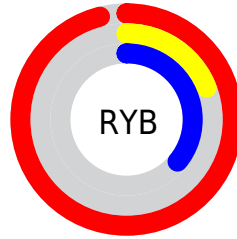
The Yxy color **22.1023, 0.5411, 0.2971** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **69.5521, 0.2450, 0.3863**, and the grayscale version is **16.0595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.2177, 0.4468, 0.3022**, and **9.9006, 0.5908, 0.3028** is the 20% darker color. If you saturate the color by 10%, you get **20.3382, 0.5779, 0.3030**, and if you desaturate by 10%, it is **25.0483, 0.5004, 0.2951**.

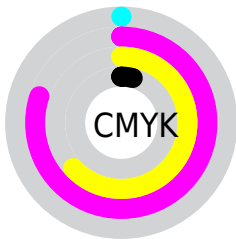
Distribution



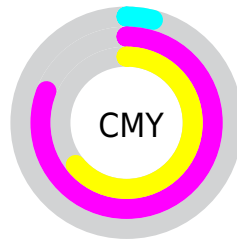
- Red (96%)
- Green (19%)
- Blue (36%)



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



- Cyan (0%)
- Magenta (80%)
- Yellow (63%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.1023, 0.5411, 0.2971 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 22.1023, 0.5411, 0.2971 by changing the saturation by 10% instead.


 22.1023, 0.5411,
0.2971


 22.1023, 0.5411,
0.2971


263.0800, 0.4141,
0.3220


 13.9321, 0.5757,
0.2873


 46.9150, 0.4924,
0.3087

 8.0734, 0.6209,
0.2723

 64.3263, 0.4748,
0.3123


 4.1420, 0.6807,
0.2485

 85.5868, 0.4602,
0.3150

 1.7533, 0.7841,
0.2159

 111.0807, 0.4480,
0.3170

 0.4578, 0.8718,
0.1282

 141.1927, 0.4376,
0.3187

 0.0000, 1.0000,
0.0000

176.3069, 0.4287,

 0.0000, 0.0000,

0.3200

0.0000

216.8079, 0.4209,
0.3211

■ 22.1023, 0.5411,
0.2971

■ 22.1023, 0.5411,
0.2971

■ 20.3382, 0.5779,
0.3030

■ 25.0483, 0.5004,
0.2951

■ 19.4957, 0.6060,
0.3112


■ 29.3354, 0.4603,
0.2965


■ 35.1022, 0.4238,
0.3004


■ 42.4687, 0.3923,
0.3056

■ 51.5428, 0.3661,
0.3115

 62.4227, 0.3446,
0.3175

 75.1992, 0.3272,
0.3234

 89.9572, 0.3131,
0.3288

 97.9741, 0.3060,
0.3290

Harmonies

Analogous

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



22.1023, 0.4222, 0.2269



22.1023, 0.5411, 0.2971



22.1023, 0.5682, 0.3748

Triad

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



22.1023, 0.5411, 0.2971



22.1023, 0.2924, 0.5842



22.1023, 0.1254, 0.1537

Complementary

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



22.1023, 0.5411, 0.2971



69.5521, 0.2450, 0.3863

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.



22.1023, 0.1075, 0.1967



22.1023, 0.5411, 0.2971



22.1023, 0.1875, 0.4692

Square

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



22.1023, 0.5411, 0.2971



22.1023, 0.4076, 0.5552



22.1023, 0.1245, 0.3008



22.1023, 0.1797, 0.1491

Rectangle

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



22.1023, 0.5411, 0.2971



22.1023, 0.5362, 0.4328



22.1023, 0.1245, 0.3008



22.1023, 0.1158, 0.1629

Sweetspot

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



22.1036, 0.5411, 0.2971



64.2702, 0.3521, 0.3153



20.6895, 0.2737, 0.1390



12.8455, 0.3599, 0.3131



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.



22.1036, 0.5411, 0.2971



21.8501, 0.5959, 0.3080



28.6146, 0.5501, 0.3710



16.5420, 0.3259, 0.3238



10.6167, 0.6023, 0.3092



0.9478, 0.5683, 0.2904

Inverse Universe

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



22.1036, 0.5411, 0.2971



21.8501, 0.5959, 0.3080



44.7456, 0.2096, 0.2580



16.5420, 0.3259, 0.3238



10.6167, 0.6023, 0.3092



0.9478, 0.5683, 0.2904

Previews

White Background



This preview shows how the Yxy color 22.1023, 0.5411, 0.2971 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 22.1023, 0.5411, 0.2971 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 22.1023, 0.5411, 0.2971

Background



This preview shows how black text looks on a background with the Yxy color 22.1023, 0.5411, 0.2971.



This preview shows how white text looks on a background with the Yxy color 22.1023, 0.5411, 0.2971.

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

22.1023, 0.5411, 0.2971

Protanopia

22.1934, 0.3207, 0.3343

Deuteranopia

22.1775, 0.4061, 0.3985



Tritanopia

22.1784, 0.5805, 0.3291

Trichromacy



Original Color

22.1023, 0.5411, 0.2971

Protanomaly

19.1908, 0.3996, 0.3096

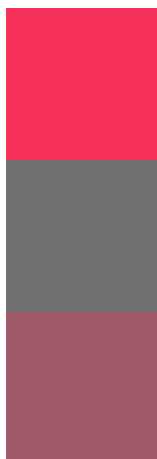
Deuteranomaly

19.8404, 0.4649, 0.3441

Tritanomaly

22.0306, 0.5685, 0.3186

Monochromacy



Original Color

22.1023, 0.5411, 0.2971

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.6178, 0.4016, 0.3050

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1023, 0.5411, 0.2971 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, 48, 91)` looks like.

```
.text, #text, p{  
    color:rgb(244, 48, 91)  
}
```

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, 48, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 48, 91) }
```

Border

The CSS property to change the border of an element to Yxy 22.1023, 0.5411, 0.2971 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, 48, 91) }
```

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

```
.border{ border-color:rgb(244, 48, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 48, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 48, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 48, 91);  
box-shadow:4px 4px 4px 4px rgb(244, 48,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1023, 0.5411, 0.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 48, 91) }
```

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

```
.background{ background-color: rgb(244, 48,  
91) }
```

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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