

Converting Colors

Yxy(23.8131, 0.4991, 0.2846)

Have a look what the booklet for
Yxy(23.8131, 0.4991, 0.2846)
contains.

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Color

Yxy(23.8020, 0.4994, 0.2849)

Conversions

Conversions Part 1

Format	Color
Hex	F33F71
RGB	243, 63, 113
RGB Percent	95%, 25%, 44%
CMY	0.0470, 0.7529, 0.5568
CMYK	0.00, 0.74, 0.53, 0.05
HSL	343°, 88%, 60%
HSV	343°, 74%, 95%
XYZ	41.7224, 23.8020, 18.0207
YIQ	122.5200, 91.2300, 53.7100

Conversions

Conversions Part 2

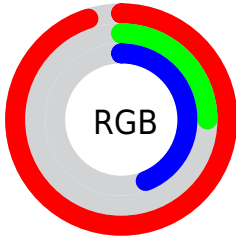
Format	Color
RYB	243, 63, 113
Decimal	15941489
CIELab	55.89, 70.13, 14.14
CIElCh	56, 71.542, 11.398
Yxy	23.8020, 0.4994, 0.2849
Android (android.graphics.Color)	4294131569 (0xFFFF33F71)
YUV	122.5200, -4.6934, 105.6610
Hunter-Lab	48.7873, 67.2737, 12.2510

Details

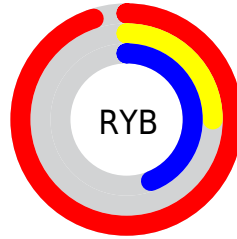
The Yxy color **23.8020, 0.4994, 0.2849** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **69.0118, 0.2510, 0.3962**, and the grayscale version is **19.6351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3556, 0.4143, 0.2881**, and **10.0966, 0.5507, 0.2808** is the 20% darker color. If you saturate the color by 10%, you get **21.3218, 0.5371, 0.2880**, and if you desaturate by 10%, it is **27.5479, 0.4617, 0.2861**.

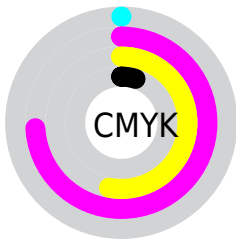
Distribution



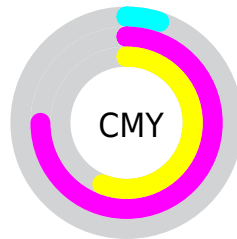
- Red (95%)
- Green (25%)
- Blue (44%)



- Red (95%)
- Yellow (25%)
- Blue (44%)



- Cyan (0%)
- Magenta (74%)
- Yellow (53%)
- Black (5%)





- Cyan (5%)
- Magenta (75%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.8020, 0.4994, 0.2849 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 23.8020, 0.4994, 0.2849 by changing the saturation by 10% instead.


 23.8020, 0.4994,
0.2849

 23.8020, 0.4994,
0.2849


271.8179, 0.3961,
0.3127

 15.1868, 0.5281,
0.2758


 49.7069, 0.4596,
0.2965


 8.9506, 0.5663,
0.2629


 67.7654, 0.4453,
0.3004

 4.7090, 0.6189,
0.2433

 89.7405, 0.4335,
0.3035

 2.0775, 0.6936,
0.2119

 116.0165, 0.4236,
0.3060

 0.6519, 0.8384,
0.1616

 146.9778, 0.4152,
0.3081

 0.0000, 1.0000,
0.0000

183.0089, 0.4079,

 0.0000, 0.0000,

0.3099

0.0000

224.4942, 0.4016,
0.3114

■ 23.8020, 0.4994,
0.2849

■ 23.8020, 0.4994,
0.2849

■ 21.3218, 0.5371,
0.2880

■ 27.5479, 0.4617,
0.2861

■ 19.9295, 0.5709,
0.2955


■ 32.6981, 0.4269,
0.2904


■ 19.4672, 0.5881,
0.3013


■ 39.3774, 0.3964,
0.2967

■ 47.6955, 0.3706,
0.3040

■ 57.7522, 0.3493,
0.3116

 69.6389, 0.3318,
0.3191

 83.4410, 0.3177,
0.3262

 97.6935, 0.3063,
0.3305

 97.7958, 0.3054,
0.3290

Harmonies

Analogous

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



23.8020, 0.3800, 0.2208



23.8020, 0.4994, 0.2849



23.8020, 0.5497, 0.3581

Triad

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



23.8020, 0.4994, 0.2849



23.8020, 0.3254, 0.5628



23.8020, 0.1306, 0.1728

Complementary

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



23.8020, 0.4994, 0.2849



69.0118, 0.2510, 0.3962

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.



23.8020, 0.1218, 0.2268



23.8020, 0.4994, 0.2849



23.8020, 0.2216, 0.4891

Square

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



23.8020, 0.4994, 0.2849



23.8020, 0.4314, 0.5221



23.8020, 0.1494, 0.3395



23.8020, 0.1734, 0.1596

Rectangle

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



23.8020, 0.4994, 0.2849



23.8020, 0.5352, 0.4111



23.8020, 0.1494, 0.3395



23.8020, 0.1240, 0.1854

Sweetspot

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



23.8034, 0.4994, 0.2849



66.9407, 0.3454, 0.3132



21.2336, 0.2687, 0.1437



13.6089, 0.3506, 0.3111



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.



23.8034, 0.4994, 0.2849



22.8500, 0.5552, 0.2913



28.9178, 0.5355, 0.3634



16.5582, 0.3250, 0.3224



10.7033, 0.5841, 0.2991



0.9574, 0.5487, 0.2796

Inverse Universe

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



23.8034, 0.4994, 0.2849



22.8500, 0.5552, 0.2913



50.7164, 0.2176, 0.2771



16.5582, 0.3250, 0.3224



10.7033, 0.5841, 0.2991



0.9574, 0.5487, 0.2796

Previews

White Background



This preview shows how the Yxy color 23.8020, 0.4994, 0.2849 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 23.8020, 0.4994, 0.2849 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 23.8020, 0.4994, 0.2849

Background



This preview shows how black text looks on a background with the Yxy color 23.8020, 0.4994, 0.2849.



This preview shows how white text looks on a background with the Yxy color 23.8020, 0.4994, 0.2849.

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

23.8020, 0.4994, 0.2849

Protanopia

23.8505, 0.2953, 0.3020

Deuteranopia

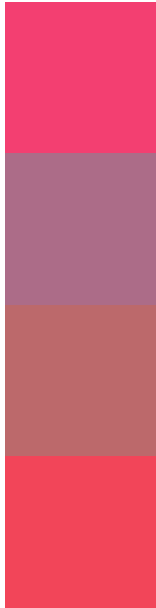
23.8681, 0.3758, 0.3698



Tritanopia

23.8435, 0.5471, 0.3272

Trichromacy



Original Color

23.8020, 0.4994, 0.2849

Protanomaly

21.2734, 0.3620, 0.2872

Deuteranomaly

21.8561, 0.4250, 0.3266

Tritanomaly

23.8548, 0.5313, 0.3126

Monochromacy



Original Color

23.8020, 0.4994, 0.2849

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

18.8548, 0.3821, 0.3012

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8020, 0.4994, 0.2849 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(243, 63, 113)` looks like.

```
.text, #text, p{  
    color:rgb(243, 63, 113)  
}
```

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(243, 63, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 63, 113) }
```

Border

The CSS property to change the border of an element to Yxy 23.8020, 0.4994, 0.2849 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(243, 63, 113) }
```

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

```
.border{ border-color:rgb(243, 63, 113) }
```

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

Here you see how a box with a 4 pixel rgb(243, 63, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 63, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 63, 113);  
box-shadow:4px 4px 4px 4px rgb(243, 63,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8020, 0.4994, 0.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 63, 113) }
```

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

```
.background{ background-color: rgb(243, 63,  
113) }
```

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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