

Converting Colors

$Y_{xy}(23.8682, 0.4994, 0.2840)$

Have a look what the booklet for
Yxy(23.8682, 0.4994, 0.2840)
contains.

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Color

Yxy(23.8933, 0.4992, 0.2835)

Conversions

Conversions Part 1

Format	Color
Hex	F43E72
RGB	244, 62, 114
RGB Percent	96%, 24%, 45%
CMY	0.0431, 0.7569, 0.5529
CMYK	0.00, 0.75, 0.53, 0.04
HSL	343°, 89%, 60%
HSV	343°, 75%, 96%
XYZ	42.0724, 23.8933, 18.3140
YIQ	122.3460, 91.7800, 54.7560

Conversions

Conversions Part 2

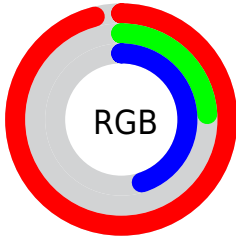
Format	Color
R_{YB}	244, 62, 114
Decimal	16006770
CIE Lab	55.98, 70.79, 13.70
CIE LCh	56, 72.109, 10.956
Yxy	23.8933, 0.4992, 0.2835
Android (android.graphics.Color)	4294196850 (0xFFFF43E72)
YUV	122.3460, -4.1146, 106.6906
Hunter-Lab	48.8808, 68.0963, 12.0026

Details

The Yxy color **23.8933, 0.4992, 0.2835** 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 **69.5407, 0.2515, 0.3988**, and the grayscale version is **19.5708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4285, 0.4119, 0.2861**, and **10.2290, 0.5495, 0.2801** is the 20% darker color. If you saturate the color by 10%, you get **21.4509, 0.5364, 0.2867**, and if you desaturate by 10%, it is **27.6041, 0.4619, 0.2846**.

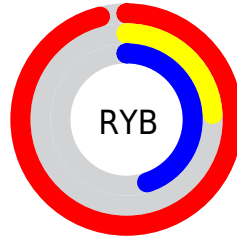
Distribution



Red (96%)

Green (24%)

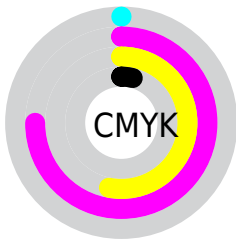
Blue (45%)



Red (96%)

Yellow (24%)

Blue (45%)

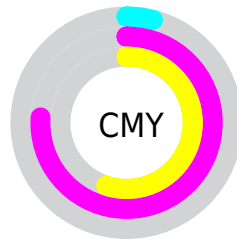


Cyan (0%)

Magenta (75%)

Yellow (53%)

Black (4%)



Cyan (4%)


Magenta (76%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.8933, 0.4992, 0.2835 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 23.8933, 0.4992, 0.2835 by changing the saturation by 10% instead.


 23.8933, 0.4992,
0.2835

 23.8933, 0.4992,
0.2835


272.2806, 0.3961,
0.3119


 15.2545, 0.5278,
0.2743


 49.8560, 0.4595,
0.2953


 8.9982, 0.5659,
0.2612


 67.9487, 0.4452,
0.2993


 4.7400, 0.6183,
0.2416

 89.9615, 0.4335,
0.3025

 2.0955, 0.6927,
0.2102

 116.2788, 0.4236,
0.3051

 0.6621, 0.8390,
0.1610

 147.2849, 0.4151,
0.3072

 0.0000, 1.0000,
0.0000

183.3644, 0.4079,

 0.0000, 0.0000,

0.3090

0.0000

224.9015, 0.4016,
0.3106

■ 23.8933, 0.4992,
0.2835

■ 23.8933, 0.4992,
0.2835

■ 21.4509, 0.5364,
0.2867

■ 27.6041, 0.4619,
0.2846

■ 20.0951, 0.5698,
0.2945


■ 32.7244, 0.4273,
0.2889


■ 19.6748, 0.5855,
0.2999

■ 39.3811, 0.3969,
0.2954


■ 47.6855, 0.3712,
0.3029

■ 57.7386, 0.3499,
0.3107

 69.6332, 0.3325,
0.3184

 83.4557, 0.3183,
0.3258

 97.8754, 0.3069,
0.3305

 97.9760, 0.3060,
0.3290

Harmonies

Analogous

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



23.8933, 0.3784, 0.2194



23.8933, 0.4992, 0.2835



23.8933, 0.5509, 0.3568

Triad

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



23.8933, 0.4992, 0.2835



23.8933, 0.3268, 0.5645



23.8933, 0.1294, 0.1724

Complementary

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



23.8933, 0.4992, 0.2835



69.5407, 0.2515, 0.3988

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.



23.8933, 0.1211, 0.2273



23.8933, 0.4992, 0.2835



23.8933, 0.2223, 0.4923

Square

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



23.8933, 0.4992, 0.2835



23.8933, 0.4331, 0.5218



23.8933, 0.1493, 0.3415



23.8933, 0.1718, 0.1587

Rectangle

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



23.8933, 0.4992, 0.2835



23.8933, 0.5369, 0.4099



23.8933, 0.1493, 0.3415



23.8933, 0.1230, 0.1853

Sweetspot

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



23.8947, 0.4992, 0.2835



66.9636, 0.3451, 0.3127



20.8474, 0.2653, 0.1413



13.6142, 0.3502, 0.3106



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.



23.8947, 0.4992, 0.2835



22.7335, 0.5559, 0.2906



28.3926, 0.5406, 0.3604



16.5604, 0.3249, 0.3223



10.7167, 0.5814, 0.2976



0.9589, 0.5460, 0.2781

Inverse Universe

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



23.8947, 0.4992, 0.2835



22.7335, 0.5559, 0.2906



52.4783, 0.2183, 0.2809



16.5604, 0.3249, 0.3223



10.7167, 0.5814, 0.2976



0.9589, 0.5460, 0.2781

Previews

White Background



This preview shows how the Yxy color 23.8933, 0.4992, 0.2835 looks on a white background.

Color Contrast Check

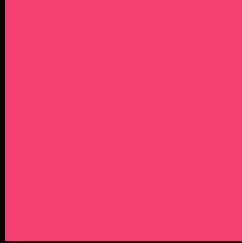
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8933, 0.4992, 0.2835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

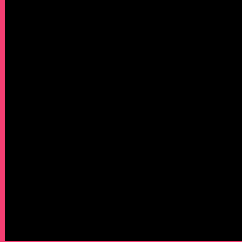
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.8933, 0.4992, 0.2835

Background



This preview shows how black text looks on a background with the Yxy color 23.8933, 0.4992, 0.2835.



This preview shows how white text looks on a background with the Yxy color 23.8933, 0.4992, 0.2835.

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

23.8933, 0.4992, 0.2835

Protanopia

24.1901, 0.2934, 0.3004

Deuteranopia

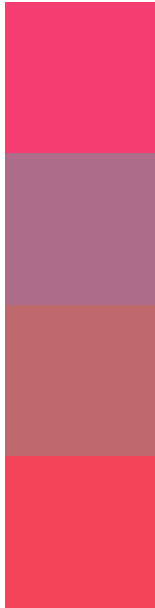
23.8885, 0.3746, 0.3682



Tritanopia

23.8781, 0.5497, 0.3273

Trichromacy



Original Color

23.8933, 0.4992, 0.2835

Protanomaly

21.4443, 0.3606, 0.2845

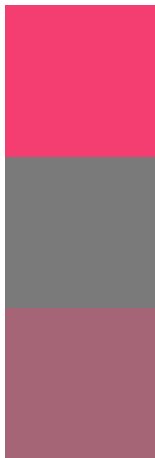
Deuteranomaly

22.0047, 0.4248, 0.3252

Tritanomaly

23.9102, 0.5327, 0.3119

Monochromacy



Original Color

23.8933, 0.4992, 0.2835

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.5532, 0.3811, 0.2995

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8933, 0.4992, 0.2835 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, 62, 114)` looks like.

```
.text, #text, p{  
    color:rgb(244, 62, 114)  
}
```

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, 62, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 62, 114) }
```

Border

The CSS property to change the border of an element to Yxy 23.8933, 0.4992, 0.2835 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, 62, 114) }
```

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

```
.border{ border-color:rgb(244, 62, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 62, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 62, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 62, 114);  
box-shadow:4px 4px 4px 4px rgb(244, 62,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8933, 0.4992, 0.2835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 62, 114) }
```

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

```
.background{ background-color: rgb(244, 62,  
114) }
```

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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