

Converting Colors

$Yxy(23.6638, 0.5046, 0.2896)$

Have a look what the booklet for
Yxy(23.6638, 0.5046, 0.2896)
contains.

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Color

Yxy(23.6482, 0.5043, 0.2894)

Conversions

Conversions Part 1

Format	Color
Hex	F2406D
RGB	242, 64, 109
RGB Percent	95%, 25%, 43%
CMY	0.0510, 0.7489, 0.5726
CMYK	0.00, 0.74, 0.55, 0.05
HSL	345°, 87%, 60%
HSV	345°, 74%, 95%
XYZ	41.2087, 23.6482, 16.8577
YIQ	122.3520, 91.6430, 51.7310

Conversions

Conversions Part 2

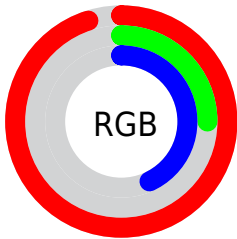
Format	Color
R_{YB}	242, 64, 109
Decimal	15876205
CIE _{Lab}	55.73, 69.23, 16.29
CIE _{LCh}	56, 71.123, 13.237
Yxy	23.6482, 0.5043, 0.2894
Android (android.graphics.Color)	4294066285 (0xFFFF2406D)
YUV	122.3520, -6.5825, 104.9313
Hunter-Lab	48.6294, 66.1598, 13.4873

Details

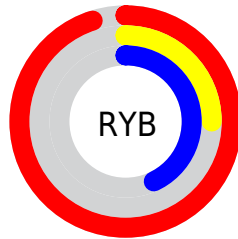
The Yxy color **23.6482, 0.5043, 0.2894** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **68.6216, 0.2492, 0.3891**, and the grayscale version is **19.5870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4653, 0.4187, 0.2932**, and **9.9315, 0.5585, 0.2851** is the 20% darker color. If you saturate the color by 10%, you get **21.1353, 0.5431, 0.2924**, and if you desaturate by 10%, it is **27.4269, 0.4653, 0.2903**.

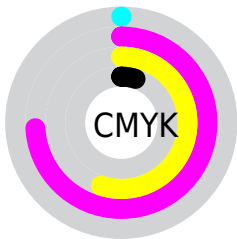
Distribution



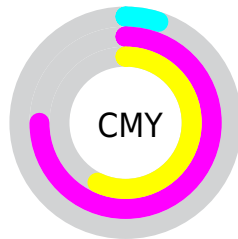
- Red (95%)
- Green (25%)
- Blue (43%)



- Red (95%)
- Yellow (25%)
- Blue (43%)



- Cyan (0%)
- Magenta (74%)
- Yellow (55%)
- Black (5%)




- Cyan (5%)
- Magenta (75%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.6482, 0.5043, 0.2894 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 23.6482, 0.5043, 0.2894 by changing the saturation by 10% instead.


 23.6482, 0.5043,
0.2894

 23.6482, 0.5043,
0.2894

271.0370, 0.3981,
0.3153


 15.0729, 0.5337,
0.2806


 49.4555, 0.4634,
0.3005

 8.8705, 0.5729,
0.2678


 67.4563, 0.4487,
0.3041


 4.6568, 0.6266,
0.2482

 89.3676, 0.4366,
0.3070

 2.0474, 0.7033,
0.2166

 115.5739, 0.4264,
0.3093

 0.6348, 0.8382,
0.1618

 146.4596, 0.4177,
0.3112

 0.0000, 1.0000,
0.0000

182.4091, 0.4103,

 0.0000, 0.0000,

0.3128

0.0000

223.8068, 0.4038,
0.3141

■ 23.6482, 0.5043,
0.2894

■ 23.6482, 0.5043,
0.2894

■ 21.1353, 0.5431,
0.2924

■ 27.4269, 0.4653,
0.2903

■ 19.7138, 0.5775,
0.2997


■ 32.6079, 0.4293,
0.2942

■ 19.2138, 0.5961,
0.3057


■ 39.3142, 0.3978,
0.3000


■ 47.6544, 0.3713,
0.3066

■ 57.7269, 0.3494,
0.3136

 69.6225, 0.3316,
0.3204

 83.4254, 0.3171,
0.3268

 97.5302, 0.3055,
0.3303

 97.6154, 0.3047,
0.3290

Harmonies

Analogous

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



23.6482, 0.3879, 0.2246



23.6482, 0.5043, 0.2894



23.6482, 0.5491, 0.3629

Triad

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



23.6482, 0.5043, 0.2894



23.6482, 0.3189, 0.5612



23.6482, 0.1326, 0.1714

Complementary

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



23.6482, 0.5043, 0.2894



68.6216, 0.2492, 0.3891

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.



23.6482, 0.1219, 0.2224



23.6482, 0.5043, 0.2894



23.6482, 0.2164, 0.4802

Square

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



23.6482, 0.5043, 0.2894



23.6482, 0.4251, 0.5261



23.6482, 0.1470, 0.3309



23.6482, 0.1777, 0.1602

Rectangle

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



23.6482, 0.5043, 0.2894



23.6482, 0.5316, 0.4162



23.6482, 0.1470, 0.3309



23.6482, 0.1254, 0.1832

Sweetspot

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



23.6496, 0.5043, 0.2894



66.8687, 0.3465, 0.3146



21.6205, 0.2721, 0.1462



13.5921, 0.3519, 0.3127



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.



23.6496, 0.5043, 0.2894



22.9121, 0.5601, 0.2954



29.4624, 0.5304, 0.3664



15.8244, 0.3253, 0.3231



10.3413, 0.5921, 0.3035



0.8758, 0.5551, 0.2832

Inverse Universe

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



23.6496, 0.5043, 0.2894



22.9121, 0.5601, 0.2954



49.0258, 0.2169, 0.2734



15.8244, 0.3253, 0.3231



10.3413, 0.5921, 0.3035



0.8758, 0.5551, 0.2832

Previews

White Background



This preview shows how the Yxy color 23.6482, 0.5043, 0.2894 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 23.6482, 0.5043, 0.2894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

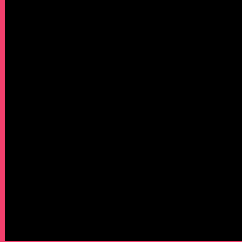
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.6482, 0.5043, 0.2894

Background



This preview shows how black text looks on a background with the Yxy color 23.6482, 0.5043, 0.2894.

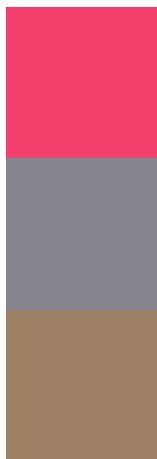


This preview shows how white text looks on a background with the Yxy color 23.6482, 0.5043, 0.2894.

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

23.6482, 0.5043, 0.2894

Protanopia

23.8266, 0.3035, 0.3120

Deuteranopia

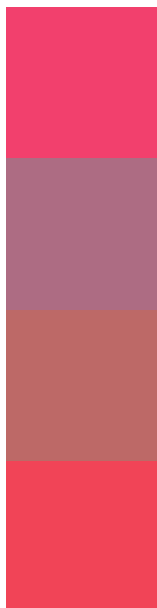
23.6275, 0.3823, 0.3745



Tritanopia

23.5397, 0.5471, 0.3264

Trichromacy



Original Color

23.6482, 0.5043, 0.2894

Protanomaly

21.2481, 0.3702, 0.2947

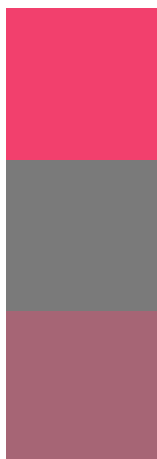
Deuteranomaly

21.9012, 0.4320, 0.3321

Tritanomaly

23.5231, 0.5339, 0.3135

Monochromacy



Original Color

23.6482, 0.5043, 0.2894

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.6987, 0.3837, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6482, 0.5043, 0.2894 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(242, 64, 109)` looks like.

```
.text, #text, p{  
    color:rgb(242, 64, 109)  
}
```

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(242, 64, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 64, 109) }
```

Border

The CSS property to change the border of an element to Yxy 23.6482, 0.5043, 0.2894 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(242, 64, 109) }
```

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

```
.border{ border-color:rgb(242, 64, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 64, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 64, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 64, 109);  
box-shadow:4px 4px 4px 4px rgb(242, 64,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6482, 0.5043, 0.2894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 64, 109) }
```

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

```
.background{ background-color: rgb(242, 64,  
109) }
```

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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