

Converting Colors

$Y_{xy}(23.1996, 0.4835, 0.2670)$

Have a look what the booklet for
Yxy(23.1996, 0.4835, 0.2670)
contains.

Yxy(23.1737, 0.4836, 0.2669)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.1737, 0.4836, 0.2669)

Conversions

Conversions Part 1

Format	Color
Hex	F3367D
RGB	243, 54, 125
RGB Percent	95%, 21%, 49%
CMY	0.0470, 0.7883, 0.5098
CMYK	0.00, 0.78, 0.49, 0.05
HSL	337°, 89%, 58%
HSV	337°, 78%, 95%
XYZ	41.9888, 23.1737, 21.6629
YIQ	118.6050, 89.8530, 62.1490

Conversions

Conversions Part 2

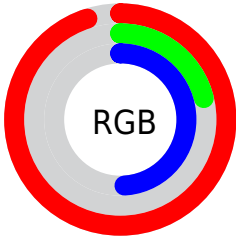
Format	Color
R_{YB}	243, 54, 125
Decimal	15939197
CIE _{Lab}	55.25, 73.69, 6.09
CIE _{LCh}	55, 73.940, 4.724
Yxy	23.1737, 0.4836, 0.2669
Android (android.graphics.Color)	4294129277 (0xFFFF3367D)
YUV	118.6050, 3.1527, 109.0944
Hunter-Lab	48.1391, 71.4513, 7.0164

Details

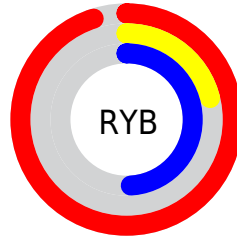
The Yxy color **23.1737, 0.4836, 0.2669** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **67.8758, 0.2582, 0.4273**, and the grayscale version is **18.2817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.3912, 0.4006, 0.2691**, and **10.3596, 0.5270, 0.2677** is the 20% darker color. If you saturate the color by 10%, you get **21.0926, 0.5159, 0.2705**, and if you desaturate by 10%, it is **26.4450, 0.4512, 0.2684**.

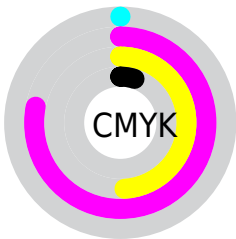
Distribution



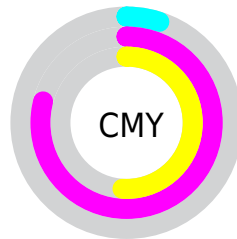
- Red (95%)
- Green (21%)
- Blue (49%)



- Red (95%)
- Yellow (21%)
- Blue (49%)



- Cyan (0%)
- Magenta (78%)
- Yellow (49%)
- Black (5%)





- Cyan (5%)
- Magenta (79%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1737, 0.4836, 0.2669 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 23.1737, 0.4836, 0.2669 by changing the saturation by 10% instead.


 23.1737, 0.4836,
0.2669

 23.1737, 0.4836,
0.2669


268.6159, 0.3891,
0.3026


 14.7218, 0.5100,
0.2564


 48.6784, 0.4471,
0.2810


 8.6244, 0.5454,
0.2420


 66.5000, 0.4341,
0.2860


 4.4970, 0.5948,
0.2211


 88.2136, 0.4233,
0.2900

 1.9553, 0.6666,
0.1894

 114.2036, 0.4142,
0.2934

 0.5813, 0.8132,
0.1377

 144.8545, 0.4065,
0.2962

 0.0000, 1.0000,
0.0000

180.5506, 0.3999,

 0.0000, 0.0000,

0.2987

0.0000

221.6762, 0.3942,
0.3008

■ 23.1737, 0.4836,
0.2669

■ 23.1737, 0.4836,
0.2669

■ 21.0926, 0.5159,
0.2705

■ 26.4450, 0.4512,
0.2684

■ 19.9951, 0.5456,
0.2792


■ 31.0532, 0.4208,
0.2738


■ 19.8192, 0.5519,
0.2814

■ 37.1278, 0.3937,
0.2819


■ 44.7819, 0.3704,
0.2915

■ 54.1173, 0.3508,
0.3018

 65.2271, 0.3347,
0.3120

 78.1977, 0.3214,
0.3218

 93.1098, 0.3105,
0.3310

 97.7985, 0.3054,
0.3290

Harmonies

Analogous

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



23.1737, 0.3518, 0.2050



23.1737, 0.4836, 0.2669



23.1737, 0.5552, 0.3398

Triad

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



23.1737, 0.4836, 0.2669



23.1737, 0.3487, 0.5711



23.1737, 0.1205, 0.1756

Complementary

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



23.1737, 0.4836, 0.2669



67.8758, 0.2582, 0.4273

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.



23.1737, 0.1189, 0.2423



23.1737, 0.4836, 0.2669



23.1737, 0.2393, 0.5259

Square

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



23.1737, 0.4836, 0.2669



23.1737, 0.4555, 0.5090



23.1737, 0.1559, 0.3737



23.1737, 0.1559, 0.1546

Rectangle

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



23.1737, 0.4836, 0.2669



23.1737, 0.5513, 0.3925



23.1737, 0.1559, 0.3737



23.1737, 0.1162, 0.1916

Sweetspot

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



23.1750, 0.4836, 0.2669



65.9802, 0.3428, 0.3066



17.7159, 0.2472, 0.1281



13.1945, 0.3489, 0.3029



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.



23.1750, 0.4836, 0.2669



22.7483, 0.5326, 0.2747



24.4973, 0.5680, 0.3459



16.5855, 0.3234, 0.3201



10.8994, 0.5478, 0.2791



0.9772, 0.5137, 0.2604

Inverse Universe

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



23.1750, 0.4836, 0.2669



22.7483, 0.5326, 0.2747



58.9507, 0.2217, 0.3002



16.5855, 0.3234, 0.3201



10.8994, 0.5478, 0.2791



0.9772, 0.5137, 0.2604

Previews

White Background



This preview shows how the Yxy color 23.1737, 0.4836, 0.2669 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 23.1737, 0.4836, 0.2669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

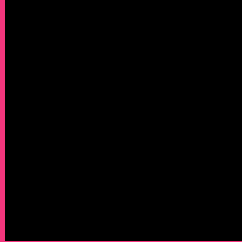
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.1737, 0.4836, 0.2669

Background



This preview shows how black text looks on a background with the Yxy color 23.1737, 0.4836, 0.2669.



This preview shows how white text looks on a background with the Yxy color 23.1737, 0.4836, 0.2669.

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

23.1737, 0.4836, 0.2669

Protanopia

23.2707, 0.2686, 0.2677

Deuteranopia

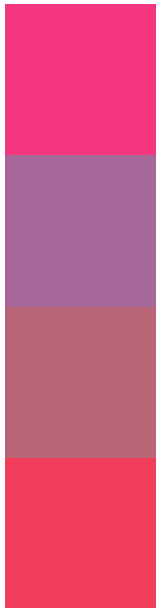
23.3747, 0.3557, 0.3490



Tritanopia

23.1144, 0.5543, 0.3273

Trichromacy



Original Color

23.1737, 0.4836, 0.2669

Protanomaly

20.1830, 0.3355, 0.2560

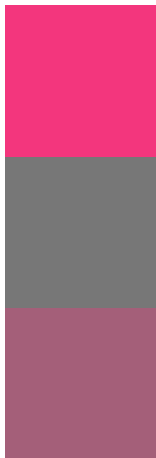
Deuteranomaly

20.9536, 0.4059, 0.3038

Tritanomaly

23.0111, 0.5312, 0.3061

Monochromacy



Original Color

23.1737, 0.4836, 0.2669

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.4574, 0.3773, 0.2882

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1737, 0.4836, 0.2669 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, 54, 125)` looks like.

```
.text, #text, p{  
    color:rgb(243, 54, 125)  
}
```

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, 54, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 54, 125) }
```

Border

The CSS property to change the border of an element to Yxy 23.1737, 0.4836, 0.2669 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, 54, 125) }
```

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

```
.border{ border-color:rgb(243, 54, 125) }
```

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

Here you see how a box with a 4 pixel rgb(243, 54, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 54, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 54, 125);  
box-shadow:4px 4px 4px 4px rgb(243, 54,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1737, 0.4836, 0.2669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 54, 125) }
```

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

```
.background{ background-color: rgb(243, 54,  
125) }
```

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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