

Converting Colors

$Y_{xy}(23.7179, 0.5198, 0.2942)$

Have a look what the booklet for
Yxy(23.7179, 0.5198, 0.2942)
contains.

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Color

Yxy(23.7839, 0.5204, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	F63C66
RGB	246, 60, 102
RGB Percent	96%, 24%, 40%
CMY	0.0352, 0.7648, 0.6000
CMYK	0.00, 0.76, 0.59, 0.04
HSL	346°, 91%, 60%
HSV	346°, 76%, 96%
XYZ	42.0276, 23.7839, 14.9487
YIQ	120.4020, 97.3740, 52.4940

Conversions

Conversions Part 2

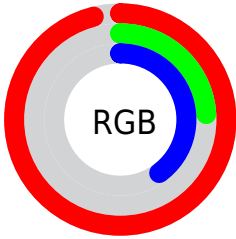
Format	Color
R_{YB}	246, 60, 102
Decimal	16137318
CIE Lab	55.87, 71.13, 20.74
CIE LCh	56, 74.095, 16.254
Yxy	23.7839, 0.5204, 0.2945
Android (android.graphics.Color)	4294327398 (0xFFFF63C66)
YUV	120.4020, -9.0722, 110.1494
Hunter-Lab	48.7687, 68.4814, 15.9644

Details

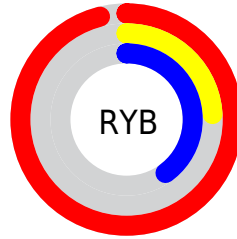
The Yxy color **23.7839, 0.5204, 0.2945** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **71.2460, 0.2466, 0.3842**, and the grayscale version is **18.9199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.4790, 0.4283, 0.2976**, and **10.3528, 0.5740, 0.2935** is the 20% darker color. If you saturate the color by 10%, you get **21.4452, 0.5595, 0.2986**, and if you desaturate by 10%, it is **27.4087, 0.4798, 0.2943**.

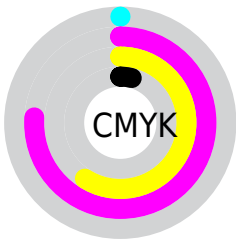
Distribution



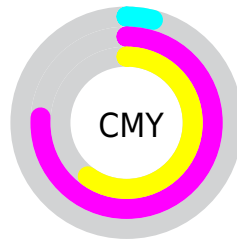
- Red (96%)
- Green (24%)
- Blue (40%)



- Red (96%)
- Yellow (24%)
- Blue (40%)



- Cyan (0%)
- Magenta (76%)
- Yellow (59%)
- Black (4%)




- Cyan (4%)
- Magenta (76%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.7839, 0.5204, 0.2945 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 23.7839, 0.5204, 0.2945 by changing the saturation by 10% instead.


 23.7839, 0.5204,
0.2945

 23.7839, 0.5204,
0.2945


271.7261, 0.4056,
0.3189

 15.1734, 0.5518,
0.2856


 49.6773, 0.4764,
0.3054

 8.9412, 0.5931,
0.2725


 67.7290, 0.4605,
0.3088


 4.7028, 0.6488,
0.2519

 89.6966, 0.4474,
0.3115

 2.0740, 0.7310,
0.2199

 115.9644, 0.4363,
0.3136

 0.6499, 0.8411,
0.1589

 146.9169, 0.4269,
0.3154

 0.0000, 1.0000,
0.0000

182.9384, 0.4188,

 0.0000, 0.0000,

0.3168

0.0000

224.4133, 0.4118,
0.3179

■ 23.7839, 0.5204,
0.2945

■ 23.7839, 0.5204,
0.2945

■ 21.4452, 0.5595,
0.2986

■ 27.4087, 0.4798,
0.2943

■ 20.2008, 0.5923,
0.3064

■ 32.4678, 0.4414,
0.2971


■ 19.8792, 0.6042,
0.3102

■ 39.0934, 0.4076,
0.3019

■ 47.4017, 0.3788,
0.3077

■ 57.4976, 0.3551,
0.3139

 69.4775, 0.3358,
0.3200

 83.4310, 0.3202,
0.3259

 98.2962, 0.3076,
0.3296

 98.3376, 0.3072,
0.3290

Harmonies

Analogous

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



23.7839, 0.4042, 0.2272



23.7839, 0.5204, 0.2945



23.7839, 0.5564, 0.3698

Triad

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



23.7839, 0.5204, 0.2945



23.7839, 0.3061, 0.5689



23.7839, 0.1308, 0.1640

Complementary

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



23.7839, 0.5204, 0.2945



71.2460, 0.2466, 0.3842

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.



23.7839, 0.1163, 0.2105



23.7839, 0.5204, 0.2945



23.7839, 0.2031, 0.4722

Square

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



23.7839, 0.5204, 0.2945



23.7839, 0.4159, 0.5387



23.7839, 0.1372, 0.3158



23.7839, 0.1804, 0.1562

Rectangle

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



23.7839, 0.5204, 0.2945



23.7839, 0.5322, 0.4249



23.7839, 0.1372, 0.3158



23.7839, 0.1223, 0.1744

Sweetspot

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



23.7853, 0.5204, 0.2945



65.5313, 0.3497, 0.3155



22.5257, 0.2767, 0.1457



13.0877, 0.3574, 0.3132



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.



23.7853, 0.5204, 0.2945



22.3841, 0.5787, 0.3025



30.9854, 0.5328, 0.3722



16.5438, 0.3258, 0.3237



10.6255, 0.6004, 0.3081



0.9489, 0.5661, 0.2892

Inverse Universe

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



23.7853, 0.5204, 0.2945



22.3841, 0.5787, 0.3025



47.2803, 0.2130, 0.2628



16.5438, 0.3258, 0.3237



10.6255, 0.6004, 0.3081



0.9489, 0.5661, 0.2892

Previews

White Background



This preview shows how the Yxy color 23.7839, 0.5204, 0.2945 looks on a white background.

Color Contrast Check

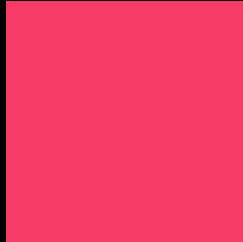
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7839, 0.5204, 0.2945 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 23.7839, 0.5204, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 23.7839, 0.5204, 0.2945.



This preview shows how white text looks on a background with the Yxy color 23.7839, 0.5204, 0.2945.

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

23.7839, 0.5204, 0.2945

Protanopia

24.0620, 0.3129, 0.3256

Deuteranopia

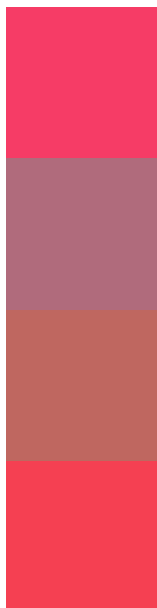
23.7022, 0.3930, 0.3851



Tritanopia

23.8690, 0.5593, 0.3275

Trichromacy



Original Color

23.7839, 0.5204, 0.2945

Protanomaly

21.2007, 0.3842, 0.3040

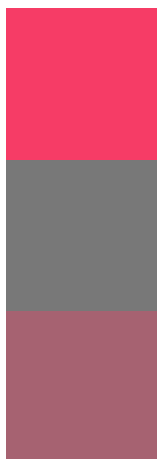
Deuteranomaly

21.6214, 0.4458, 0.3388

Tritanomaly

23.6885, 0.5461, 0.3154

Monochromacy



Original Color

23.7839, 0.5204, 0.2945

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.0346, 0.3911, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7839, 0.5204, 0.2945 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(246, 60, 102)` looks like.

```
.text, #text, p{  
  color:rgb(246, 60, 102)  
}
```

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(246, 60, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 60, 102) }
```

Border

The CSS property to change the border of an element to Yxy 23.7839, 0.5204, 0.2945 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(246, 60, 102) }
```

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

```
.border{ border-color:rgb(246, 60, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 60, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 60, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 60, 102);  
box-shadow:4px 4px 4px 4px rgb(246, 60,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 23.7839, 0.5204, 0.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 60, 102) }
```

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

```
.background{ background-color: rgb(246, 60,  
102) }
```

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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