

Converting Colors

$Y_{xy}(23.6323, 0.5350, 0.2850)$

Have a look what the booklet for
Yxy(23.6323, 0.5350, 0.2850)
contains.

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Color

Yxy(23.6255, 0.5343, 0.2844)

Conversions

Conversions Part 1

Format	Color
Hex	FF2667
RGB	255, 38, 103
RGB Percent	100%, 15%, 40%
CMY	0.0000, 0.8510, 0.5960
CMYK	0.00, 0.85, 0.60, 0.00
HSL	342°, 100%, 57%
HSV	342°, 85%, 100%
XYZ	44.3850, 23.6255, 15.0608
YIQ	110.2930, 108.4670, 66.2190

Conversions

Conversions Part 2

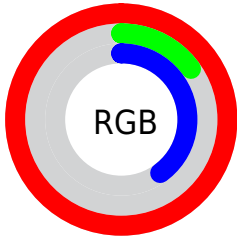
Format	Color
R_{YB}	255, 38, 103
Decimal	16721511
CIE _{Lab}	55.71, 78.82, 20.21
CIE _{LCh}	56, 81.365, 14.379
Yxy	23.6255, 0.5343, 0.2844
Android (android.graphics.Color)	4294911591 (0xFFFF2667)
YUV	110.2930, -3.5954, 126.9080
Hunter-Lab	48.6061, 77.9381, 15.6529

Details

The Yxy color **23.6255, 0.5343, 0.2844** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **75.6476, 0.2514, 0.4148**, and the grayscale version is **15.6669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7450, 0.4319, 0.2850**, and **11.3718, 0.5774, 0.2954** is the 20% darker color. If you saturate the color by 10%, you get **22.1936, 0.5671, 0.2925**, and if you desaturate by 10%, it is **26.2469, 0.4977, 0.2810**.

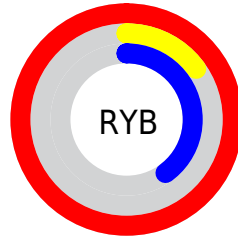
Distribution



Red (100%)

Green (15%)

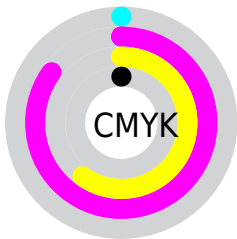
Blue (40%)



Red (100%)

Yellow (15%)

Blue (40%)

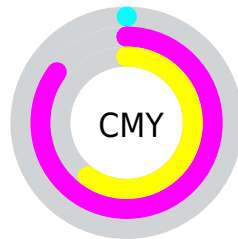


Cyan (0%)

Magenta (85%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (85%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.6255, 0.5343, 0.2844 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 23.6255, 0.5343, 0.2844 by changing the saturation by 10% instead.


 23.6255, 0.5343,
0.2844


 23.6255, 0.5343,
0.2844


270.9216, 0.4122,
0.3145


 15.0560, 0.5674,
0.2740


 49.4184, 0.4877,
0.2974


 8.8587, 0.6106,
0.2590


 67.4106, 0.4708,
0.3017


 4.6492, 0.6682,
0.2362

 89.3125, 0.4568,
0.3050

 2.0429, 0.7509,
0.2016

 115.5086, 0.4451,
0.3077

 0.6322, 0.8604,
0.1396

 146.3831, 0.4350,
0.3099

 0.0000, 1.0000,
0.0000

182.3205, 0.4264,

 0.0000, 0.0000,

0.3117

0.0000

223.7052, 0.4188,
0.3132

■ 23.6255, 0.5343,
0.2844

■ 23.6255, 0.5343,
0.2844

■ 22.1936, 0.5671,
0.2925

■ 26.2469, 0.4977,
0.2810

■ 21.7878, 0.5812,
0.2975


■ 30.2592, 0.4610,
0.2821

■ 35.8255, 0.4269,
0.2866

■ 43.0863, 0.3968,
0.2933

■ 52.1661, 0.3714,
0.3011

 63.1777, 0.3502,
0.3094

 76.2248, 0.3329,
0.3175

 91.4034, 0.3189,
0.3252

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



23.6255, 0.4027, 0.2151



23.6255, 0.5343, 0.2844



23.6255, 0.5765, 0.3616

Triad

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



23.6255, 0.5343, 0.2844



23.6255, 0.3076, 0.5959



23.6255, 0.1171, 0.1536

Complementary

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



23.6255, 0.5343, 0.2844



75.6476, 0.2514, 0.4148

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.



23.6255, 0.1038, 0.2041



23.6255, 0.5343, 0.2844



23.6255, 0.1975, 0.4995

Square

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



23.6255, 0.5343, 0.2844



23.6255, 0.4245, 0.5471



23.6255, 0.1265, 0.3218



23.6255, 0.1659, 0.1443

Rectangle

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



23.6255, 0.5343, 0.2844



23.6255, 0.5503, 0.4190



23.6255, 0.1265, 0.3218



23.6255, 0.1090, 0.1648

Sweetspot

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



23.6253, 0.5343, 0.2844



62.1085, 0.3520, 0.3086



19.5392, 0.2565, 0.1254



12.4425, 0.3589, 0.3058



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.



23.6253, 0.5343, 0.2844



21.7878, 0.5812, 0.2975



27.3428, 0.5812, 0.3567



18.0767, 0.3247, 0.3219



11.4074, 0.5770, 0.2952



1.1290, 0.5449, 0.2776

Inverse Universe

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



23.6253, 0.5343, 0.2844



21.7878, 0.5812, 0.2975



54.5177, 0.2118, 0.2730



18.0767, 0.3247, 0.3219



11.4074, 0.5770, 0.2952



1.1290, 0.5449, 0.2776

Previews

White Background



This preview shows how the Yxy color 23.6255, 0.5343, 0.2844 looks on a white background.

Color Contrast Check

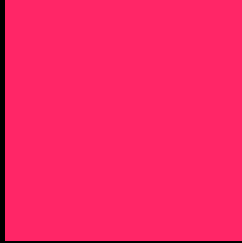
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6255, 0.5343, 0.2844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

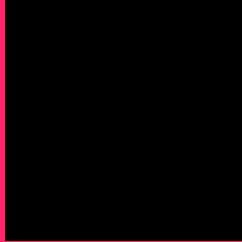
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.6255, 0.5343, 0.2844

Background



This preview shows how black text looks on a background with the Yxy color 23.6255, 0.5343, 0.2844.



This preview shows how white text looks on a background with the Yxy color 23.6255, 0.5343, 0.2844.

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

23.6255, 0.5343, 0.2844

Protanopia

23.8059, 0.3004, 0.3086

Deuteranopia

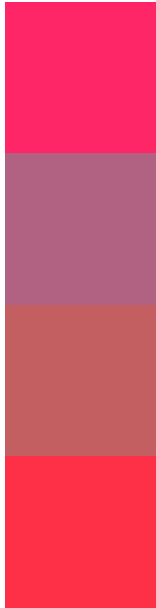
23.7022, 0.3930, 0.3851



Tritanopia

23.6859, 0.5907, 0.3298

Trichromacy



Original Color

23.6255, 0.5343, 0.2844

Protanomaly

19.6942, 0.3804, 0.2824

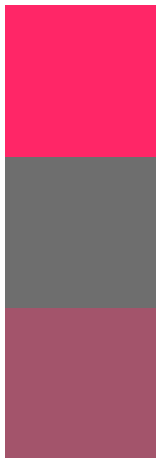
Deuteranomaly

20.6496, 0.4551, 0.3268

Tritanomaly

23.6397, 0.5745, 0.3154

Monochromacy



Original Color

23.6255, 0.5343, 0.2844

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.1887, 0.4036, 0.2929

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6255, 0.5343, 0.2844 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(255, 38, 103)` looks like.

```
.text, #text, p{  
    color:rgb(255, 38, 103)  
}
```

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(255, 38, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 38, 103) }
```

Border

The CSS property to change the border of an element to Yxy 23.6255, 0.5343, 0.2844 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(255, 38, 103) }
```

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

```
.border{ border-color:rgb(255, 38, 103) }
```

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

Here you see how a box with a 4 pixel rgb(255, 38, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 38, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 38, 103);  
box-shadow:4px 4px 4px 4px rgb(255, 38,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6255, 0.5343, 0.2844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 38, 103) }
```

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

```
.background{ background-color: rgb(255, 38,  
103) }
```

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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