

Converting Colors

$Yxy(23.7100, 0.5391, 0.2887)$

Have a look what the booklet for
Yxy(23.7100, 0.5391, 0.2887)
contains.

Yxy(23.6784, 0.5398, 0.2889)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.6784, 0.5398, 0.2889)

Conversions

Conversions Part 1

Format	Color
Hex	FF2863
RGB	255, 40, 99
RGB Percent	100%, 16%, 39%
CMY	0.0001, 0.8427, 0.6118
CMYK	0.00, 0.84, 0.61, 0.00
HSL	344°, 100%, 58%
HSV	344°, 84%, 100%
XYZ	44.2423, 23.6784, 14.0398
YIQ	111.0110, 109.2010, 63.9290

Conversions

Conversions Part 2

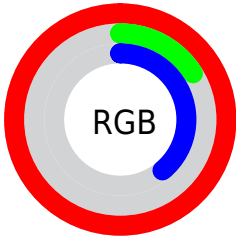
Format	Color
R_{YB}	255, 40, 99
Decimal	16722019
CIE _{Lab}	55.76, 78.17, 22.69
CIE _{LCh}	56, 81.396, 16.187
Yxy	23.6784, 0.5398, 0.2889
Android (android.graphics.Color)	4294912099 (0xFFFF2863)
YUV	111.0110, -5.9214, 126.2784
Hunter-Lab	48.6605, 77.1372, 16.9556

Details

The Yxy color **23.6784, 0.5398, 0.2889** 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 **75.9436, 0.2492, 0.4061**, and the grayscale version is **15.9096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7988, 0.4379, 0.2911**, and **11.2042, 0.5840, 0.2991** is the 20% darker color. If you saturate the color by 10%, you get **22.1713, 0.5735, 0.2967**, and if you desaturate by 10%, it is **26.4009, 0.5019, 0.2856**.

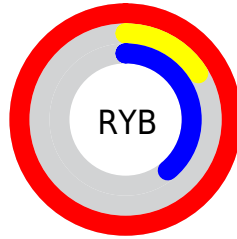
Distribution



Red (100%)

Green (16%)

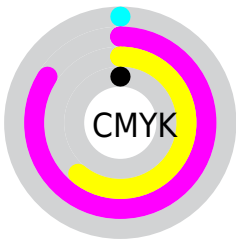
Blue (39%)



Red (100%)

Yellow (16%)

Blue (39%)

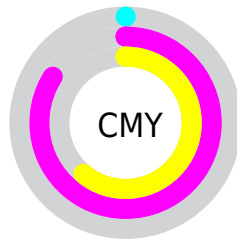


Cyan (0%)

Magenta (84%)

Yellow (61%)

Black (0%)



Cyan (0%)

Magenta (84%)

Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.6784, 0.5398, 0.2889 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 23.6784, 0.5398, 0.2889 by changing the saturation by 10% instead.


 23.6784, 0.5398,
0.2889


 23.6784, 0.5398,
0.2889


271.1905, 0.4148,
0.3173


 15.0952, 0.5734,
0.2787


 49.5049, 0.4922,
0.3015


 8.8862, 0.6172,
0.2637


 67.5170, 0.4749,
0.3055


 4.6671, 0.6751,
0.2407

 89.4409, 0.4606,
0.3086

 2.0533, 0.7617,
0.2067

 115.6609, 0.4485,
0.3111

 0.6381, 0.8584,
0.1416

 146.5615, 0.4382,
0.3131

 0.0000, 1.0000,
0.0000

182.5270, 0.4293,

 0.0000, 0.0000,

0.3148

0.0000

223.9419, 0.4216,
0.3162

■ 23.6784, 0.5398,
0.2889

■ 23.6784, 0.5398,
0.2889

■ 22.1713, 0.5735,
0.2967

■ 26.4009, 0.5019,
0.2856


■ 21.6948, 0.5899,
0.3023


■ 30.5319, 0.4639,
0.2866

■ 36.2343, 0.4286,
0.2907

■ 43.6474, 0.3977,
0.2969

■ 52.8952, 0.3715,
0.3041

 64.0900, 0.3499,
0.3117

 77.3351, 0.3323,
0.3191

 92.7264, 0.3180,
0.3261

99.9942, 0.3127,
0.3290

Harmonies

Analogous

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



23.6784, 0.4118, 0.2189



23.6784, 0.5398, 0.2889



23.6784, 0.5756, 0.3666

Triad

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



23.6784, 0.5398, 0.2889



23.6784, 0.3006, 0.5948



23.6784, 0.1190, 0.1521

Complementary

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



23.6784, 0.5398, 0.2889



75.9436, 0.2492, 0.4061

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.



23.6784, 0.1037, 0.1995



23.6784, 0.5398, 0.2889



23.6784, 0.1918, 0.4892

Square

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



23.6784, 0.5398, 0.2889



23.6784, 0.4177, 0.5523



23.6784, 0.1239, 0.3124



23.6784, 0.1702, 0.1448

Rectangle

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



23.6784, 0.5398, 0.2889



23.6784, 0.5463, 0.4245



23.6784, 0.1239, 0.3124



23.6784, 0.1103, 0.1625

Sweetspot

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



23.6798, 0.5398, 0.2889



63.2203, 0.3514, 0.3111



20.2246, 0.2606, 0.1283



12.6519, 0.3586, 0.3085



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.



23.6798, 0.5398, 0.2889



21.7007, 0.5899, 0.3023



28.1700, 0.5750, 0.3600



18.0689, 0.3251, 0.3225



11.3604, 0.5858, 0.3001



1.1236, 0.5539, 0.2825

Inverse Universe

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



23.6798, 0.5398, 0.2889



21.7007, 0.5899, 0.3023



52.9865, 0.2109, 0.2687



18.0689, 0.3251, 0.3225



11.3604, 0.5858, 0.3001



1.1236, 0.5539, 0.2825

Previews

White Background



This preview shows how the Yxy color 23.6784, 0.5398, 0.2889 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 23.6784, 0.5398, 0.2889 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 23.6784, 0.5398, 0.2889

Background



This preview shows how black text looks on a background with the Yxy color 23.6784, 0.5398, 0.2889.



This preview shows how white text looks on a background with the Yxy color 23.6784, 0.5398, 0.2889.

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

23.6784, 0.5398, 0.2889

Protanopia

23.7900, 0.3087, 0.3188

Deuteranopia

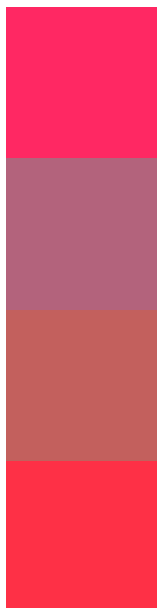
23.7367, 0.3989, 0.3910



Tritanopia

23.6859, 0.5907, 0.3298

Trichromacy



Original Color

23.6784, 0.5398, 0.2889

Protanomaly

19.9626, 0.3915, 0.2928

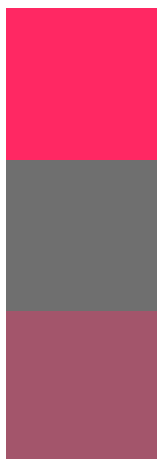
Deuteranomaly

20.7582, 0.4603, 0.3333

Tritanomaly

23.6269, 0.5757, 0.3161

Monochromacy



Original Color

23.6784, 0.5398, 0.2889

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.3451, 0.4031, 0.2944

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6784, 0.5398, 0.2889 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, 40, 99)` looks like.

```
.text, #text, p{  
  color:rgb(255, 40, 99)  
}
```

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, 40, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 40, 99) }
```

Border

The CSS property to change the border of an element to Yxy 23.6784, 0.5398, 0.2889 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, 40, 99) }
```

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

```
.border{ border-color:rgb(255, 40, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 40, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 40, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 40, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 40,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6784, 0.5398, 0.2889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 40, 99) }
```

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

```
.background{ background-color: rgb(255, 40,  
99) }
```

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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