

Converting Colors

Yxy(33.2953, 0.3960, 0.2429)

Have a look what the booklet for
Yxy(33.2953, 0.3960, 0.2429)
contains.

Yxy(33.3122, 0.3960, 0.2431)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.3122, 0.3960, 0.2431)

Conversions

Conversions Part 1

Format	Color
Hex	FF61B9
RGB	255, 97, 185
RGB Percent	100%, 38%, 73%
CMY	0.0001, 0.6195, 0.2746
CMYK	0.00, 0.62, 0.27, 0.00
HSL	327°, 100%, 69%
HSV	327°, 62%, 100%
XYZ	54.2642, 33.3122, 49.4544
YIQ	154.2740, 65.9200, 60.8640

Conversions

Conversions Part 2

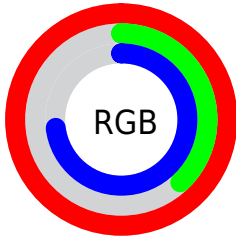
Format	Color
R _Y B	255, 97, 185
Decimal	16736697
CIE Lab	64.41, 68.18, -15.09
CIE LCh	64, 69.833, 347.517
Yxy	33.3122, 0.3960, 0.2431
Android (android.graphics.Color)	4294926777 (0xFFFF61B9)
YUV	154.2740, 15.1479, 88.3367
Hunter-Lab	57.7167, 66.8182, -10.4008

Details

The Yxy color **33.3122, 0.3960, 0.2431** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **76.8428, 0.2749, 0.4431**, and the grayscale version is **32.3568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.0536, 0.3288, 0.2439**, and **14.0638, 0.4195, 0.2195** is the 20% darker color. If you saturate the color by 10%, you get **28.8747, 0.4165, 0.2352**, and if you desaturate by 10%, it is **39.3048, 0.3771, 0.2545**.

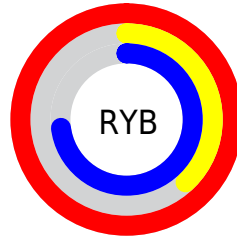
Distribution



Red (100%)

Green (38%)

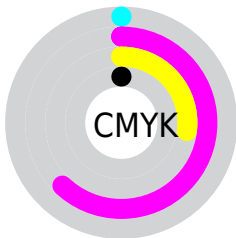
Blue (73%)



Red (100%)

Yellow (38%)

Blue (73%)

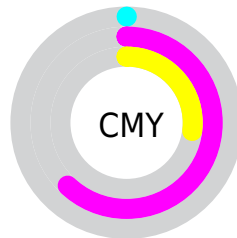


Cyan (0%)

Magenta (62%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.3122, 0.3960, 0.2431 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 33.3122, 0.3960, 0.2431 by changing the saturation by 10% instead.


 33.3122, 0.3960,
0.2431


 33.3122, 0.3960,
0.2431


317.0542, 0.3538,
0.2852

 22.3657, 0.4066,
0.2329


 64.8626, 0.3806,
0.2582


 14.1259, 0.4203,
0.2201


 86.2354, 0.3748,
0.2639

 8.2083, 0.4385,
0.2034


 111.8524, 0.3700,
0.2688

 4.2285, 0.4637,
0.1811

 142.0979, 0.3658,
0.2730

 1.8022, 0.5010,
0.1501

177.3565, 0.3622,
0.2766

 0.4885, 0.5661,
0.0955

218.0125, 0.3591,

 0.0000, 0.7422,

0.2799

0.0000

264.4502, 0.3563,
0.2827

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 33.3122, 0.3960,
0.2431

■ 33.3122, 0.3960,
0.2431

■ 28.8747, 0.4165,
0.2352

■ 39.3048, 0.3771,
0.2545

■ 25.8353, 0.4379,
0.2320

■ 46.9792, 0.3603,
0.2680


■ 24.0126, 0.4591,
0.2341

■ 56.4549, 0.3458,
0.2827

■ 23.2084, 0.4756,
0.2394

■ 67.8390, 0.3334,
0.2977

 81.2302, 0.3229,
0.3124

 96.7201, 0.3142,
0.3264

99.9964, 0.3127,
0.3290

Harmonies

Analogous

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



33.3122, 0.2846, 0.1976



33.3122, 0.3960, 0.2431



33.3122, 0.4917, 0.3053

Triad

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



33.3122, 0.3960, 0.2431



33.3122, 0.4060, 0.5153



33.3122, 0.1386, 0.2262

Complementary

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



33.3122, 0.3960, 0.2431



76.8428, 0.2749, 0.4431

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.



33.3122, 0.1584, 0.3160



33.3122, 0.3960, 0.2431



33.3122, 0.3088, 0.5265

Square

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



33.3122, 0.3960, 0.2431



33.3122, 0.4859, 0.4498



33.3122, 0.2177, 0.4419



33.3122, 0.1527, 0.1836

Rectangle

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



33.3122, 0.3960, 0.2431



33.3122, 0.5211, 0.3514



33.3122, 0.2177, 0.4419



33.3122, 0.1412, 0.2504

Sweetspot

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



33.3139, 0.3960, 0.2431



71.5812, 0.3301, 0.3020



23.8253, 0.2387, 0.1499



14.5450, 0.3333, 0.2978



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.



33.3139, 0.3960, 0.2431



28.1457, 0.4208, 0.2341



30.8857, 0.4991, 0.3198



18.1564, 0.3207, 0.3158



12.1595, 0.4724, 0.2376



1.2059, 0.4503, 0.2254

Inverse Universe

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



33.3139, 0.3960, 0.2431



28.1457, 0.4208, 0.2341



80.6103, 0.2417, 0.3413



18.1564, 0.3207, 0.3158



12.1595, 0.4724, 0.2376



1.2059, 0.4503, 0.2254

Previews

White Background



This preview shows how the Yxy color 33.3122, 0.3960, 0.2431 looks on a white background.

Color Contrast Check

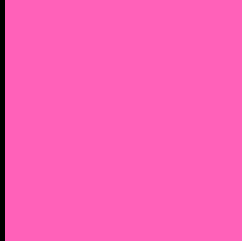
Large Text (above 18pt) WCAG AA × Fail

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 33.3122, 0.3960, 0.2431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

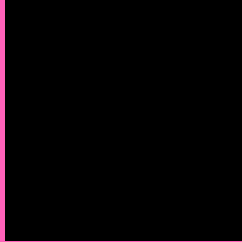
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.3122, 0.3960, 0.2431

Background



This preview shows how black text looks on a background with the Yxy color 33.3122, 0.3960, 0.2431.



This preview shows how white text looks on a background with the Yxy color 33.3122, 0.3960, 0.2431.

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

33.3122, 0.3960, 0.2431

Protanopia

33.6705, 0.2415, 0.2316

Deuteranopia

33.3122, 0.2998, 0.2932



Tritanopia

33.0841, 0.4687, 0.3214

Trichromacy



Original Color

33.3122, 0.3960, 0.2431



Protanomaly

30.9432, 0.2852, 0.2292



Deuteranomaly

31.5336, 0.3327, 0.2673



Tritanomaly

33.0382, 0.4422, 0.2918

Monochromacy



Original Color

33.3122, 0.3960, 0.2431



Achromatopsia

32.3143, 0.3127, 0.3290



Achromatomaly

30.5680, 0.3433, 0.2862

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3122, 0.3960, 0.2431 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, 97, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 97, 185)  
}
```

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, 97, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 185) }
```

Border

The CSS property to change the border of an element to Yxy 33.3122, 0.3960, 0.2431 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, 97, 185) }
```

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

```
.border{ border-color:rgb(255, 97, 185) }
```

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

Here you see how a box with a 4 pixel rgb(255, 97, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3122, 0.3960, 0.2431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 97, 185) }
```

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

```
.background{ background-color: rgb(255, 97,  
185) }
```

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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