

Converting Colors

$Y_{xy}(27.0310, 0.3965, 0.2112)$

Have a look what the booklet for
Yxy(27.0310, 0.3965, 0.2112)
contains.

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Color

Yxy(27.0597, 0.3972, 0.2113)

Conversions

Conversions Part 1

Format	Color
Hex	FD35BC
RGB	253, 53, 188
RGB Percent	99%, 21%, 74%
CMY	0.0078, 0.7923, 0.2626
CMYK	0.00, 0.79, 0.26, 0.01
HSL	319°, 98%, 60%
HSV	319°, 79%, 99%
XYZ	50.8666, 27.0597, 50.1366
YIQ	128.1900, 75.8650, 84.3850

Conversions

Conversions Part 2

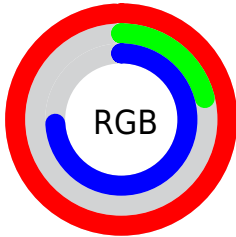
Format	Color
R _Y B	253, 53, 188
Decimal	16594364
CIE Lab	59.03, 82.54, -25.08
CIE LCh	59, 86.269, 343.099
Yxy	27.0597, 0.3972, 0.2113
Android (android.graphics.Color)	4294784444 (0xFFFD35BC)
YUV	128.1900, 29.4863, 109.4584
Hunter-Lab	52.0189, 83.5127, -20.7313

Details

The Yxy color **27.0597, 0.3972, 0.2113** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **72.3266, 0.2824, 0.5123**, and the grayscale version is **21.5257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.4664, 0.3285, 0.2115**, and **12.9277, 0.4157, 0.2064** is the 20% darker color. If you saturate the color by 10%, you get **24.9885, 0.4114, 0.2092**, and if you desaturate by 10%, it is **30.3693, 0.3830, 0.2184**.

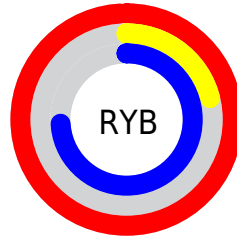
Distribution



Red (99%)

Green (21%)

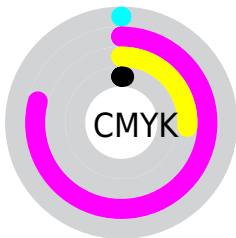
Blue (74%)



Red (99%)

Yellow (21%)

Blue (74%)

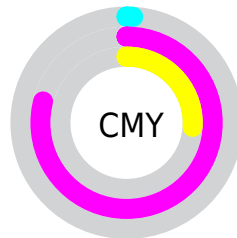


Cyan (0%)

Magenta (79%)

Yellow (26%)

Black (1%)



Cyan (1%)


Magenta (79%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0597, 0.3972, 0.2113 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 27.0597, 0.3972, 0.2113 by changing the saturation by 10% instead.


 27.0597, 0.3972,
0.2113


 27.0597, 0.3972,
0.2113


287.9461, 0.3548,
0.2685


 17.6181, 0.4077,
0.1978


 54.9797, 0.3818,
0.2316

 10.6761, 0.4211,
0.1809


 74.2268, 0.3760,
0.2394

 5.8495, 0.4387,
0.1594


 97.5111, 0.3711,
0.2460

 2.7538, 0.4625,
0.1315

 125.2172, 0.3669,
0.2517

 1.0046, 0.4963,
0.0950

 157.7293, 0.3633,
0.2567

 0.0000, 0.5740,
0.0000

195.4319, 0.3601,

 0.0000, 0.6664,

0.2611

0.0000

238.7094, 0.3573,
0.2650

■ 0.0000, 0.0000,
0.0000

■ 27.0597, 0.3972,
0.2113

■ 27.0597, 0.3972,
0.2113

■ 24.9885, 0.4114,
0.2092

■ 30.3693, 0.3830,
0.2184

■ 23.9007, 0.4252,
0.2120

■ 35.0814, 0.3692,
0.2298

■ 23.8204, 0.4265,
0.2123

■ 41.3395, 0.3565,
0.2443

■ 49.2680, 0.3450,
0.2609

■ 58.9788, 0.3348,
0.2785

70.5739, 0.3260,
0.2964

84.1474, 0.3185,
0.3138

99.5487, 0.3122,
0.3302

99.6267, 0.3115,
0.3290

Harmonies

Analogous

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



27.0597, 0.2554, 0.1626



27.0597, 0.3972, 0.2113



27.0597, 0.5329, 0.2804

Triad

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



27.0597, 0.3972, 0.2113



27.0597, 0.4295, 0.5449



27.0597, 0.1022, 0.2060

Complementary

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



27.0597, 0.3972, 0.2113



72.3266, 0.2824, 0.5123

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.



27.0597, 0.1265, 0.3283



27.0597, 0.3972, 0.2113



27.0597, 0.3118, 0.6000

Square

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



27.0597, 0.3972, 0.2113



27.0597, 0.5307, 0.4463



27.0597, 0.2000, 0.5094



27.0597, 0.1142, 0.1531

Rectangle

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



27.0597, 0.3972, 0.2113



27.0597, 0.5763, 0.3311



27.0597, 0.2000, 0.5094



27.0597, 0.1057, 0.2376

Sweetspot

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



27.0611, 0.3972, 0.2113



65.7597, 0.3302, 0.2876



13.3698, 0.1962, 0.1000



13.2008, 0.3334, 0.2812



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.



27.0611, 0.3972, 0.2113



24.6882, 0.4197, 0.2104



24.1609, 0.5470, 0.3030



18.1941, 0.3188, 0.3131



12.6971, 0.4244, 0.2111



1.2563, 0.4095, 0.2030

Inverse Universe

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



27.0611, 0.3972, 0.2113



24.6882, 0.4197, 0.2104



75.9954, 0.2424, 0.3756



18.1941, 0.3188, 0.3131



12.6971, 0.4244, 0.2111



1.2563, 0.4095, 0.2030

Previews

White Background



This preview shows how the Yxy color 27.0597, 0.3972, 0.2113 looks on a white background.

Color Contrast Check

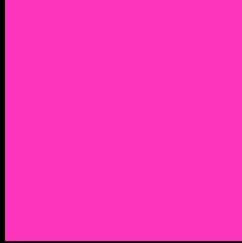
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0597, 0.3972, 0.2113 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 27.0597, 0.3972, 0.2113

Background



This preview shows how black text looks on a background with the Yxy color 27.0597, 0.3972, 0.2113.



This preview shows how white text looks on a background with the Yxy color 27.0597, 0.3972, 0.2113.

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

27.0597, 0.3972, 0.2113

Protanopia

27.6809, 0.2000, 0.1781

Deuteranopia

27.0428, 0.2764, 0.2703



Tritanopia

26.8408, 0.5183, 0.3242

Trichromacy



Original Color

27.0597, 0.3972, 0.2113



Protanomaly

22.7718, 0.2426, 0.1732



Deuteranomaly

23.7646, 0.3162, 0.2310



Tritanomaly

26.3863, 0.4777, 0.2802

Monochromacy



Original Color

27.0597, 0.3972, 0.2113



Achromatopsia

21.5861, 0.3127, 0.3290



Achromatomaly

20.3936, 0.3462, 0.2577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0597, 0.3972, 0.2113 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(253, 53, 188)` looks like.

```
.text, #text, p{  
    color:rgb(253, 53, 188)  
}
```

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(253, 53, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 53, 188) }
```

Border

The CSS property to change the border of an element to Yxy 27.0597, 0.3972, 0.2113 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(253, 53, 188) }
```

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

```
.border{ border-color:rgb(253, 53, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 53, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 53, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 53, 188);  
box-shadow:4px 4px 4px 4px rgb(253, 53,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0597, 0.3972, 0.2113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 53, 188) }
```

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

```
.background{ background-color: rgb(253, 53,  
188) }
```

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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