

Converting Colors

$Y_{xy}(26.6939, 0.3964, 0.2099)$

Have a look what the booklet for
Yxy(26.6939, 0.3964, 0.2099)
contains.

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Color

Yxy(26.6939, 0.3964, 0.2099)

Conversions

Conversions Part 1

Format	Color
Hex	FC33BC
RGB	252, 51, 188
RGB Percent	99%, 20%, 74%
CMY	0.0117, 0.8001, 0.2628
CMYK	0.00, 0.80, 0.25, 0.01
HSL	319°, 97%, 59%
HSV	319°, 80%, 99%
XYZ	50.4119, 26.6939, 50.0685
YIQ	126.7170, 75.8190, 85.2190

Conversions

Conversions Part 2

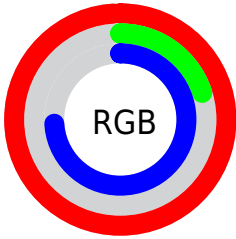
Format	Color
R _Y B	252, 51, 188
Decimal	16528316
CIE Lab	58.69, 82.79, -25.60
CIE LCh	59, 86.659, 342.821
Yxy	26.6939, 0.3964, 0.2099
Android (android.graphics.Color)	4294718396 (0xFFFC33BC)
YUV	126.7170, 30.2125, 109.8732
Hunter-Lab	51.6661, 83.7511, -21.2904

Details

The Yxy color **26.6939, 0.3964, 0.2099** 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 **71.5774, 0.2829, 0.5156**, and the grayscale version is **20.9912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.2246, 0.3285, 0.2107**, and **12.7976, 0.4143, 0.2056** is the 20% darker color. If you saturate the color by 10%, you get **24.7224, 0.4102, 0.2080**, and if you desaturate by 10%, it is **29.8786, 0.3825, 0.2168**.

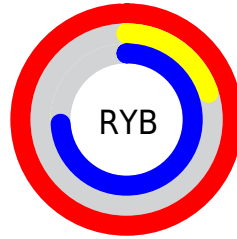
Distribution



Red (99%)

Green (20%)

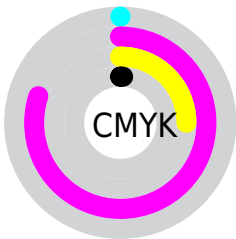
Blue (74%)



Red (99%)

Yellow (20%)

Blue (74%)

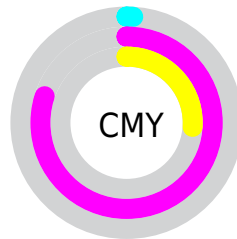


Cyan (0%)

Magenta (80%)

Yellow (25%)

Black (1%)



Cyan (1%)


Magenta (80%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6939, 0.3964, 0.2099 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 26.6939, 0.3964, 0.2099 by changing the saturation by 10% instead.

 26.6939, 0.3964,
0.2099


 26.6939, 0.3964,
0.2099


286.1720, 0.3544,
0.2678


 17.3435, 0.4068,
0.1962


 54.3923, 0.3812,
0.2304


 10.4797, 0.4200,
0.1791


 73.5090, 0.3754,
0.2383

 5.7181, 0.4373,
0.1574


 96.6500, 0.3706,
0.2450

 2.6745, 0.4609,
0.1293

 124.1996, 0.3664,
0.2508

 0.9642, 0.4941,
0.0925

 156.5422, 0.3628,
0.2559

 0.0000, 0.5689,
0.0000

194.0622, 0.3597,

 0.0000, 0.6611,

0.2603

0.0000

237.1440, 0.3569,
0.2643

■ 0.0000, 0.0000,
0.0000

■ 26.6939, 0.3964,
0.2099

■ 26.6939, 0.3964,
0.2099

■ 24.7224, 0.4102,
0.2080

■ 29.8786, 0.3825,
0.2168

■ 23.6886, 0.4237,
0.2108

■ 34.4413, 0.3691,
0.2280

■ 23.6696, 0.4240,
0.2109

■ 40.5258, 0.3565,
0.2425

■ 48.2561, 0.3451,
0.2591

■ 57.7439, 0.3351,
0.2768

69.0906, 0.3264,
0.2948

82.3902, 0.3189,
0.3125

97.7301, 0.3126,
0.3294

99.4402, 0.3109,
0.3290

Harmonies

Analogous

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



26.6939, 0.2537, 0.1613



26.6939, 0.3964, 0.2099



26.6939, 0.5338, 0.2791

Triad

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



26.6939, 0.3964, 0.2099



26.6939, 0.4307, 0.5451



26.6939, 0.1011, 0.2057

Complementary

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



26.6939, 0.3964, 0.2099



71.5774, 0.2829, 0.5156

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.



26.6939, 0.1257, 0.3296



26.6939, 0.3964, 0.2099



26.6939, 0.3123, 0.6025

Square

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



26.6939, 0.3964, 0.2099



26.6939, 0.5325, 0.4454



26.6939, 0.1998, 0.5129



26.6939, 0.1128, 0.1522

Rectangle

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



26.6939, 0.3964, 0.2099



26.6939, 0.5781, 0.3299



26.6939, 0.1998, 0.5129



26.6939, 0.1046, 0.2376

Sweetspot

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



26.6953, 0.3964, 0.2099



65.7823, 0.3299, 0.2872



13.0145, 0.1952, 0.0985



13.2063, 0.3330, 0.2808



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.



26.6953, 0.3964, 0.2099



24.6573, 0.4187, 0.2094



23.7664, 0.5498, 0.3033



17.4250, 0.3187, 0.3130



12.3550, 0.4218, 0.2097



1.1636, 0.4067, 0.2014

Inverse Universe

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



26.6953, 0.3964, 0.2099



24.6573, 0.4187, 0.2094



75.2544, 0.2422, 0.3761



17.4250, 0.3187, 0.3130



12.3550, 0.4218, 0.2097



1.1636, 0.4067, 0.2014

Previews

White Background



This preview shows how the Yxy color 26.6939, 0.3964, 0.2099 looks on a white background.

Color Contrast Check

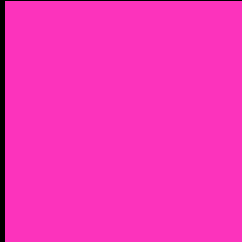
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6939, 0.3964, 0.2099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

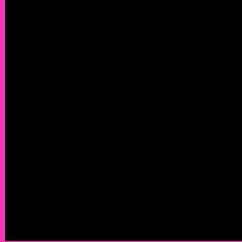
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6939, 0.3964, 0.2099

Background



This preview shows how black text looks on a background with the Yxy color 26.6939, 0.3964, 0.2099.



This preview shows how white text looks on a background with the Yxy color 26.6939, 0.3964, 0.2099.

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

26.6939, 0.3964, 0.2099

Protanopia

27.3111, 0.1981, 0.1756

Deuteranopia

26.9579, 0.2754, 0.2701



Tritanopia

26.6269, 0.5201, 0.3260

Trichromacy



Original Color

26.6939, 0.3964, 0.2099



Protanomaly

22.1322, 0.2390, 0.1691



Deuteranomaly

23.4353, 0.3151, 0.2294



Tritanomaly

26.0456, 0.4787, 0.2801

Monochromacy



Original Color

26.6939, 0.3964, 0.2099



Achromatopsia

21.2231, 0.3127, 0.3290



Achromatomaly

19.8643, 0.3466, 0.2559

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6939, 0.3964, 0.2099 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(252, 51, 188)` looks like.

```
.text, #text, p{  
    color:rgb(252, 51, 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(252, 51, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 51, 188) }
```

Border

The CSS property to change the border of an element to Yxy 26.6939, 0.3964, 0.2099 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(252, 51, 188) }
```

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

```
.border{ border-color:rgb(252, 51, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 51, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 51, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 51, 188);  
box-shadow:4px 4px 4px 4px rgb(252, 51,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6939, 0.3964, 0.2099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 51, 188) }
```

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

```
.background{ background-color: rgb(252, 51,  
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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