

Converting Colors

$Y_{xy}(25.7933, 0.4093, 0.2137)$

Have a look what the booklet for
Yxy(25.7933, 0.4093, 0.2137)
contains.

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Color

Yxy(25.7185, 0.4086, 0.2134)

Conversions

Conversions Part 1

Format	Color
Hex	FC2BB4
RGB	252, 43, 180
RGB Percent	99%, 17%, 71%
CMY	0.0118, 0.8312, 0.2941
CMYK	0.00, 0.83, 0.29, 0.01
HSL	321°, 97%, 58%
HSV	321°, 83%, 99%
XYZ	49.2436, 25.7185, 45.5557
YIQ	121.1090, 80.5870, 86.9150

Conversions

Conversions Part 2

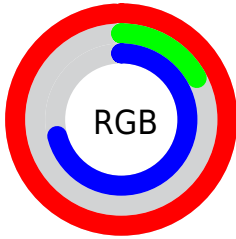
Format	Color
R _Y B	252, 43, 180
Decimal	16526260
CIE Lab	57.77, 83.61, -22.40
CIE LCh	58, 86.560, 345.004
Yxy	25.7185, 0.4086, 0.2134
Android (android.graphics.Color)	4294716340 (0xFFFC2BB4)
YUV	121.1090, 29.0333, 114.7914
Hunter-Lab	50.7134, 84.5780, -17.7607

Details

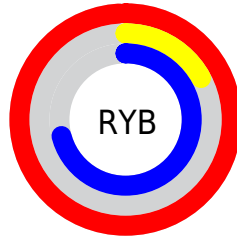
The Yxy color **25.7185, 0.4086, 0.2134** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **71.3636, 0.2814, 0.5163**, and the grayscale version is **19.0517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.5776, 0.3365, 0.2130**, and **12.4795, 0.4269, 0.2126** is the 20% darker color. If you saturate the color by 10%, you get **24.0733, 0.4238, 0.2137**, and if you desaturate by 10%, it is **28.5180, 0.3932, 0.2183**.

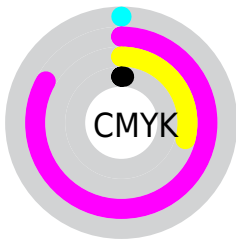
Distribution



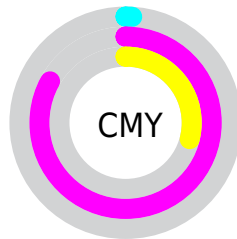
- Red (99%)
- Green (17%)
- Blue (71%)



- Red (99%)
- Yellow (17%)
- Blue (71%)



- Cyan (0%)
- Magenta (83%)
- Yellow (29%)
- Black (1%)





- Cyan (1%)
- Magenta (83%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7185, 0.4086, 0.2134 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 25.7185, 0.4086, 0.2134 by changing the saturation by 10% instead.


 25.7185, 0.4086,
0.2134


 25.7185, 0.4086,
0.2134


281.3975, 0.3595,
0.2704


 16.6132, 0.4211,
0.1997


 52.8205, 0.3906,
0.2338

 9.9591, 0.4371,
0.1825


 71.5859, 0.3839,
0.2415

 5.3718, 0.4585,
0.1605


 94.3401, 0.3782,
0.2481

 2.4670, 0.4881,
0.1316

 121.4676, 0.3734,
0.2538

 0.8601, 0.5311,
0.0933

 153.3527, 0.3692,
0.2588

 0.0000, 0.6243,
0.0000

190.3797, 0.3656,

 0.0000, 0.8917,

0.2631

0.0000

232.9332, 0.3624,
0.2669

■ 0.0000, 0.0000,
0.0000

■ 25.7185, 0.4086,
0.2134

■ 25.7185, 0.4086,
0.2134

■ 24.0733, 0.4238,
0.2137

■ 28.5180, 0.3932,
0.2183

■ 23.4157, 0.4343,
0.2166

■ 32.6488, 0.3782,
0.2277

■ 38.2614, 0.3641,
0.2408

■ 45.4853, 0.3513,
0.2564

■ 54.4353, 0.3399,
0.2733

65.2161, 0.3301,
0.2907

77.9239, 0.3217,
0.3078

92.6479, 0.3146,
0.3243

99.4324, 0.3109,
0.3290

Harmonies

Analogous

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



25.7185, 0.2621, 0.1626



25.7185, 0.4086, 0.2134



25.7185, 0.5434, 0.2838

Triad

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



25.7185, 0.4086, 0.2134



25.7185, 0.4224, 0.5534



25.7185, 0.0993, 0.1984

Complementary

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



25.7185, 0.4086, 0.2134



71.3636, 0.2814, 0.5163

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.



25.7185, 0.1207, 0.3172



25.7185, 0.4086, 0.2134



25.7185, 0.3028, 0.6052

Square

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



25.7185, 0.4086, 0.2134



25.7185, 0.5276, 0.4526



25.7185, 0.1913, 0.5026



25.7185, 0.1136, 0.1488

Rectangle

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



25.7185, 0.4086, 0.2134



25.7185, 0.5824, 0.3350



25.7185, 0.1913, 0.5026



25.7185, 0.1020, 0.2287

Sweetspot

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



25.7199, 0.4086, 0.2134



64.5162, 0.3320, 0.2870



12.2495, 0.1930, 0.0938



12.9592, 0.3354, 0.2809



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.



25.7199, 0.4086, 0.2134



24.1439, 0.4329, 0.2162



22.9723, 0.5670, 0.3074



17.4170, 0.3191, 0.3136



12.2281, 0.4319, 0.2153



1.1525, 0.4152, 0.2061

Inverse Universe

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



25.7199, 0.4086, 0.2134



24.1439, 0.4329, 0.2162



75.1435, 0.2403, 0.3735



17.4170, 0.3191, 0.3136



12.2281, 0.4319, 0.2153



1.1525, 0.4152, 0.2061

Previews

White Background



This preview shows how the Yxy color 25.7185, 0.4086, 0.2134 looks on a white background.

Color Contrast Check

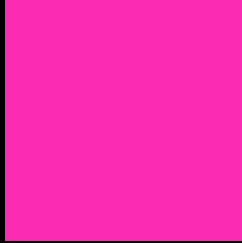
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7185, 0.4086, 0.2134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

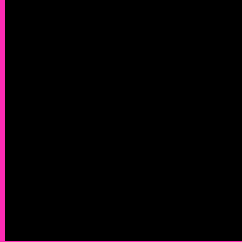
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7185, 0.4086, 0.2134

Background



This preview shows how black text looks on a background with the Yxy color 25.7185, 0.4086, 0.2134.



This preview shows how white text looks on a background with the Yxy color 25.7185, 0.4086, 0.2134.

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

25.7185, 0.4086, 0.2134

Protanopia

26.3500, 0.2003, 0.1788

Deuteranopia

25.8762, 0.2830, 0.2769



Tritanopia

25.6445, 0.5335, 0.3254

Trichromacy



Original Color

25.7185, 0.4086, 0.2134



Protanomaly

21.0335, 0.2439, 0.1704



Deuteranomaly

22.1036, 0.3245, 0.2323



Tritanomaly

25.1848, 0.4933, 0.2824

Monochromacy



Original Color

25.7185, 0.4086, 0.2134



Achromatopsia

19.1202, 0.3127, 0.3290



Achromatomaly

18.2167, 0.3536, 0.2560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7185, 0.4086, 0.2134 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, 43, 180)` looks like.

```
.text, #text, p{  
    color:rgb(252, 43, 180)  
}
```

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, 43, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 43, 180) }
```

Border

The CSS property to change the border of an element to Yxy 25.7185, 0.4086, 0.2134 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, 43, 180) }
```

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

```
.border{ border-color:rgb(252, 43, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 43, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 43, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 43, 180);  
box-shadow:4px 4px 4px 4px rgb(252, 43,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7185, 0.4086, 0.2134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 43, 180) }
```

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

```
.background{ background-color: rgb(252, 43,  
180) }
```

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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