

Converting Colors

$Y_{xy}(27.0277, 0.3954, 0.2083)$

Have a look what the booklet for
Yxy(27.0277, 0.3954, 0.2083)
contains.

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Color

Yxy(26.9852, 0.3960, 0.2084)

Conversions

Conversions Part 1

Format	Color
Hex	FE31BE
RGB	254, 49, 190
RGB Percent	100%, 19%, 75%
CMY	0.0038, 0.8081, 0.2549
CMYK	0.00, 0.81, 0.25, 0.00
HSL	319°, 99%, 59%
HSV	319°, 81%, 100%
XYZ	51.2771, 26.9852, 51.2253
YIQ	126.3690, 76.9190, 87.3110

Conversions

Conversions Part 2

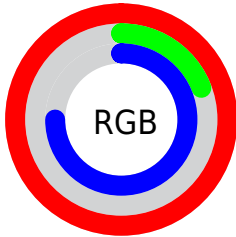
Format	Color
R _Y B	254, 49, 190
Decimal	16658878
CIE _{Lab}	58.96, 83.93, -26.31
CIE _{LCh}	59, 87.955, 342.596
Y _{xy}	26.9852, 0.3960, 0.2084
Android (android.graphics.Color)	4294848958 (0xFFFE31BE)
YUV	126.3690, 31.3701, 111.9324
Hunter-Lab	51.9473, 85.2893, -22.1028

Details

The Yxy color **26.9852, 0.3960, 0.2084** 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 **72.7514, 0.2835, 0.5196**, and the grayscale version is **20.8556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.1691, 0.3258, 0.2076**, and **12.9840, 0.4118, 0.2042** is the 20% darker color. If you saturate the color by 10%, you get **25.0926, 0.4095, 0.2069**, and if you desaturate by 10%, it is **30.0941, 0.3824, 0.2149**.

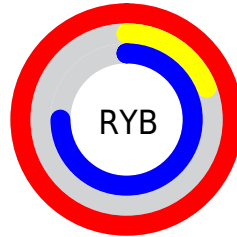
Distribution



Red (100%)

Green (19%)

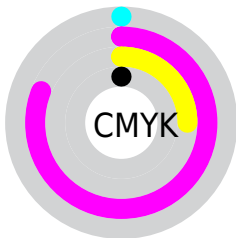
Blue (75%)



Red (100%)

Yellow (19%)

Blue (75%)

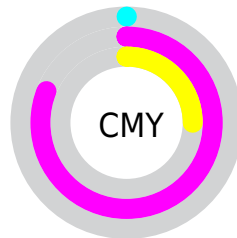


Cyan (0%)

Magenta (81%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (81%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9852, 0.3960, 0.2084 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 26.9852, 0.3960, 0.2084 by changing the saturation by 10% instead.


 26.9852, 0.3960,
0.2084


 26.9852, 0.3960,
0.2084


287.5855, 0.3544,
0.2668


 17.5621, 0.4062,
0.1947


 54.8601, 0.3810,
0.2291


 10.6361, 0.4192,
0.1776


 74.0807, 0.3753,
0.2370


 5.8227, 0.4362,
0.1559


 97.3360, 0.3705,
0.2438

 2.7376, 0.4591,
0.1280

 125.0102, 0.3664,
0.2496

 0.9963, 0.4911,
0.0916

 157.4879, 0.3628,
0.2547

 0.0000, 0.5636,
0.0000

195.1534, 0.3596,

 0.0000, 0.6359,

0.2592

0.0000

238.3911, 0.3569,
0.2632

■ 0.0000, 0.0000,
0.0000

■ 26.9852, 0.3960,
0.2084

■ 26.9852, 0.3960,
0.2084

■ 25.0926, 0.4095,
0.2069

■ 30.0941, 0.3824,
0.2149

■ 24.1631, 0.4216,
0.2096

■ 34.5911, 0.3692,
0.2259

■ 40.6246, 0.3569,
0.2402

■ 48.3230, 0.3456,
0.2568

■ 57.8008, 0.3356,
0.2746

69.1627, 0.3269,
0.2928

82.5050, 0.3195,
0.3106

97.9174, 0.3131,
0.3278

99.8184, 0.3121,
0.3290

Harmonies

Analogous

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



26.9852, 0.2521, 0.1597



26.9852, 0.3960, 0.2084



26.9852, 0.5354, 0.2778

Triad

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



26.9852, 0.3960, 0.2084



26.9852, 0.4317, 0.5458



26.9852, 0.0996, 0.2050

Complementary

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



26.9852, 0.3960, 0.2084



72.7514, 0.2835, 0.5196

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.



26.9852, 0.1244, 0.3305



26.9852, 0.3960, 0.2084



26.9852, 0.3125, 0.6056

Square

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



26.9852, 0.3960, 0.2084



26.9852, 0.5345, 0.4446



26.9852, 0.1992, 0.5166



26.9852, 0.1112, 0.1510

Rectangle

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



26.9852, 0.3960, 0.2084



26.9852, 0.5804, 0.3287



26.9852, 0.1992, 0.5166



26.9852, 0.1032, 0.2373

Sweetspot

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



26.9866, 0.3960, 0.2084



65.8046, 0.3296, 0.2868



12.6930, 0.1915, 0.0954



13.2117, 0.3327, 0.2804



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.



26.9866, 0.3960, 0.2084



24.6317, 0.4177, 0.2085



24.0059, 0.5491, 0.3008



18.1982, 0.3186, 0.3128



12.7624, 0.4195, 0.2085



1.2623, 0.4054, 0.2007

Inverse Universe

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



26.9866, 0.3960, 0.2084



24.6317, 0.4177, 0.2085



76.3651, 0.2434, 0.3814



18.1982, 0.3186, 0.3128



12.7624, 0.4195, 0.2085



1.2623, 0.4054, 0.2007

Previews

White Background



This preview shows how the Yxy color 26.9852, 0.3960, 0.2084 looks on a white background.

Color Contrast Check

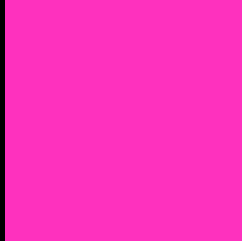
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9852, 0.3960, 0.2084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

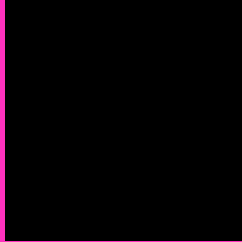
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9852, 0.3960, 0.2084

Background



This preview shows how black text looks on a background with the Yxy color 26.9852, 0.3960, 0.2084.



This preview shows how white text looks on a background with the Yxy color 26.9852, 0.3960, 0.2084.

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

26.9852, 0.3960, 0.2084

Protanopia

27.3754, 0.1978, 0.1748

Deuteranopia

27.0383, 0.2738, 0.2674



Tritanopia

26.8280, 0.5224, 0.3252

Trichromacy



Original Color

26.9852, 0.3960, 0.2084



Protanomaly

22.2806, 0.2392, 0.1686



Deuteranomaly

23.4303, 0.3141, 0.2262



Tritanomaly

26.2808, 0.4810, 0.2800

Monochromacy



Original Color

26.9852, 0.3960, 0.2084



Achromatopsia

20.8637, 0.3127, 0.3290



Achromatomaly

19.7895, 0.3481, 0.2549

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9852, 0.3960, 0.2084 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(254, 49, 190)` looks like.

```
.text, #text, p{  
    color:rgb(254, 49, 190)  
}
```

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(254, 49, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 49, 190) }
```

Border

The CSS property to change the border of an element to Yxy 26.9852, 0.3960, 0.2084 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(254, 49, 190) }
```

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

```
.border{ border-color:rgb(254, 49, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 49, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 49, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 49, 190);  
box-shadow:4px 4px 4px 4px rgb(254, 49,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9852, 0.3960, 0.2084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 49, 190) }
```

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

```
.background{ background-color: rgb(254, 49,  
190) }
```

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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