

Converting Colors

Yxy(30.0687, 0.4144, 0.2198)

Have a look what the booklet for
Yxy(30.0687, 0.4144, 0.2198)
contains.

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Color

Yxy(27.3941, 0.4008, 0.2132)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF35BB |
| RGB | 255, 53, 187 |
| RGB Percent | 100%, 21%, 73% |
| CMY | 0.0000, 0.7926, 0.2666 |
| CMYK | 0.00, 0.79, 0.27, 0.00 |
| HSL | 320°, 100%, 60% |
| HSV | 320°, 79%, 100% |
| XYZ | 51.4989, 27.3941, 49.5972 |
| YIQ | 128.6740, 77.3780, 84.4980 |

Conversions

Conversions Part 2

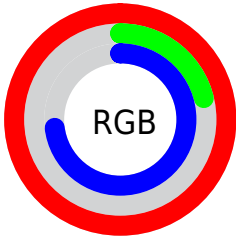
| Format | Color |
|-------------------------------------|---|
| RYB | 255, 53, 187 |
| Decimal | 16725435 |
| CIELab | 59.34, 82.89, -23.99 |
| CIELCh | 59, 86.293, 343.857 |
| Yxy | 27.3941, 0.4008, 0.2132 |
| Android (android.graphics.Color) | 4294915515 (0xFFFF35BB) |
| YUV | 128.6740, 28.7547, 110.7879 |
| Hunter-Lab | 52.3394, 84.0396, -19.5461 |

Details

The Yxy color **27.3941, 0.4008, 0.2132** 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 **73.6515, 0.2815, 0.5099**, and the grayscale version is **21.6886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.4058, 0.3294, 0.2123**, and **13.0587, 0.4171, 0.2071** is the 20% darker color. If you saturate the color by 10%, you get **25.2943, 0.4156, 0.2114**, and if you desaturate by 10%, it is **30.7324, 0.3859, 0.2200**.

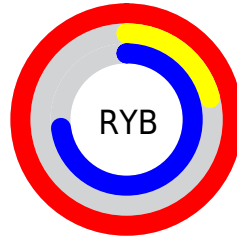
Distribution



Red (100%)

Green (21%)

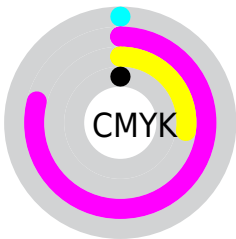
Blue (73%)



Red (100%)

Yellow (21%)

Blue (73%)

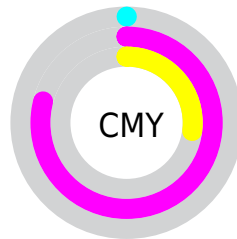


Cyan (0%)

Magenta (79%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (79%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3941, 0.4008, 0.2132 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 27.3941, 0.4008, 0.2132 by changing the saturation by 10% instead.

 27.3941, 0.4008,
0.2132


 27.3941, 0.4008,
0.2132


289.5603, 0.3564,
0.2696


 17.8694, 0.4118,
0.1998


 55.5156, 0.3847,
0.2332

 10.8563, 0.4260,
0.1832


 74.8813, 0.3786,
0.2409


 5.9703, 0.4445,
0.1619


 98.2960, 0.3735,
0.2474

 2.8270, 0.4699,
0.1343

 126.1443, 0.3691,
0.2531

 1.0421, 0.5061,
0.0978

 158.8104, 0.3653,
0.2580

 0.0000, 0.5902,
0.0000

196.6789, 0.3619,


 0.0000, 0.6972,

0.2623


0.0000

240.1340, 0.3590,
0.2661


 0.0000, 0.0000,
0.0000

 27.3941, 0.4008,
0.2132


 27.3941, 0.4008,
0.2132

 25.2943, 0.4156,
0.2114


 30.7324, 0.3859,
0.2200

 24.1983, 0.4301,
0.2146

 35.5077, 0.3715,
0.2310

 24.1331, 0.4312,
0.2149

 41.8565, 0.3582,
0.2453

 49.9061, 0.3462,
0.2617

 59.7705, 0.3357,
0.2790

71.5541, 0.3266,
0.2966

85.3529, 0.3188,
0.3138

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



27.3941, 0.2587, 0.1639



27.3941, 0.4008, 0.2132



27.3941, 0.5346, 0.2825

Triad

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



27.3941, 0.4008, 0.2132



27.3941, 0.4266, 0.5467



27.3941, 0.1026, 0.2044

Complementary

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



27.3941, 0.4008, 0.2132



73.6515, 0.2815, 0.5099

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.



27.3941, 0.1259, 0.3243



27.3941, 0.4008, 0.2132



27.3941, 0.3091, 0.5988

Square

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



27.3941, 0.4008, 0.2132



27.3941, 0.5282, 0.4487



27.3941, 0.1980, 0.5044



27.3941, 0.1154, 0.1529

Rectangle

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



27.3941, 0.4008, 0.2132



27.3941, 0.5761, 0.3332



27.3941, 0.1980, 0.5044



27.3941, 0.1058, 0.2353

Sweetspot

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



27.3854, 0.4007, 0.2132



65.7190, 0.3307, 0.2883



13.7687, 0.1982, 0.1007



13.1910, 0.3340, 0.2820



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.



27.3854, 0.4007, 0.2132



24.5786, 0.4240, 0.2128



24.4780, 0.5526, 0.3059



18.1904, 0.3190, 0.3133



12.6390, 0.4289, 0.2136



1.2510, 0.4133, 0.2051

Inverse Universe

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



27.3854, 0.4007, 0.2132



24.5786, 0.4240, 0.2128



77.5114, 0.2410, 0.3713



18.1904, 0.3190, 0.3133



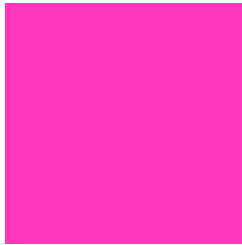
12.6390, 0.4289, 0.2136



1.2510, 0.4133, 0.2051

Previews

White Background



This preview shows how the Yxy color 27.3941, 0.4008, 0.2132 looks on a white background.

Color Contrast Check

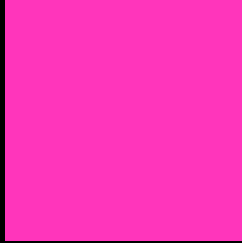
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3941, 0.4008, 0.2132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

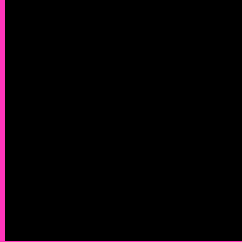
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3941, 0.4008, 0.2132

Background



This preview shows how black text looks on a background with the Yxy color 27.3941, 0.4008, 0.2132.



This preview shows how white text looks on a background with the Yxy color 27.3941, 0.4008, 0.2132.

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

27.3941, 0.4008, 0.2132

Protanopia

28.0598, 0.2020, 0.1807

Deuteranopia

27.4662, 0.2792, 0.2736



Tritanopia

27.3674, 0.5220, 0.3252

Trichromacy



Original Color

27.3941, 0.4008, 0.2132



Protanomaly

22.9059, 0.2450, 0.1746



Deuteranomaly

23.9655, 0.3196, 0.2328



Tritanomaly

26.9131, 0.4821, 0.2820

Monochromacy



Original Color

27.3941, 0.4008, 0.2132



Achromatopsia

21.9526, 0.3127, 0.3290



Achromatomaly

20.6233, 0.3487, 0.2583

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3941, 0.4008, 0.2132 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, 53, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 53, 187)  
}
```

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, 53, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 53, 187) }
```

Border

The CSS property to change the border of an element to Yxy 27.3941, 0.4008, 0.2132 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, 53, 187) }
```

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

```
.border{ border-color:rgb(255, 53, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 53, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 53, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 53, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 53,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3941, 0.4008, 0.2132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 53, 187) }
```

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

```
.background{ background-color: rgb(255, 53,  
187) }
```

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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