

Converting Colors

$Y_{xy}(27.0574, 0.4139, 0.2216)$

Have a look what the booklet for
Yxy(27.0574, 0.4139, 0.2216)
contains.

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Color

Yxy(27.1127, 0.4134, 0.2215)

Conversions

Conversions Part 1

Format	Color
Hex	FF36B2
RGB	255, 54, 178
RGB Percent	100%, 21%, 70%
CMY	0.0000, 0.7884, 0.3019
CMYK	0.00, 0.79, 0.30, 0.00
HSL	323°, 100%, 61%
HSV	323°, 79%, 100%
XYZ	50.6022, 27.1127, 44.6901
YIQ	128.2350, 79.9920, 81.1760

Conversions

Conversions Part 2

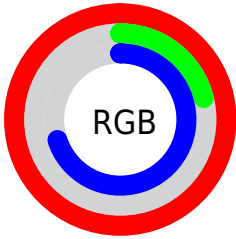
Format	Color
R _{YB}	255, 54, 178
Decimal	16725682
CIE _{Lab}	59.08, 81.63, -19.19
CIE _{LCh}	59, 83.852, 346.773
Y _{xy}	27.1127, 0.4134, 0.2215
Android (android.graphics.Color)	4294915762 (0xFFFF36B2)
YUV	128.2350, 24.5341, 111.1729
Hunter-Lab	52.0699, 82.3465, -14.4380

Details

The Yxy color **27.1127, 0.4134, 0.2215** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **73.9407, 0.2779, 0.4967**, and the grayscale version is **21.5566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.1196, 0.3378, 0.2203**, and **12.8181, 0.4352, 0.2171** is the 20% darker color. If you saturate the color by 10%, you get **24.9489, 0.4310, 0.2206**, and if you desaturate by 10%, it is **30.5401, 0.3958, 0.2276**.

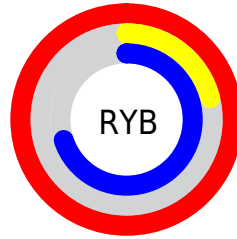
Distribution



Red (100%)

Green (21%)

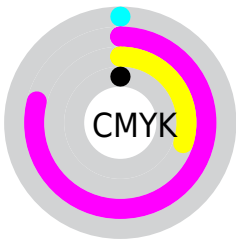
Blue (70%)



Red (100%)

Yellow (21%)

Blue (70%)

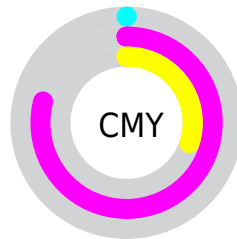


Cyan (0%)

Magenta (79%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (79%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.1127, 0.4134, 0.2215 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 27.1127, 0.4134, 0.2215 by changing the saturation by 10% instead.

 27.1127, 0.4134,
0.2215


 27.1127, 0.4134,
0.2215

288.2024, 0.3616,
0.2747


 17.6579, 0.4266,
0.2086


 55.0647, 0.3943,
0.2406

 10.7046, 0.4438,
0.1924


 74.3306, 0.3872,
0.2478

 5.8686, 0.4667,
0.1714


 97.6357, 0.3813,
0.2540

 2.7653, 0.4987,
0.1437

 125.3643, 0.3762,
0.2593

 1.0105, 0.5458,
0.1062

 157.9009, 0.3718,
0.2639

 0.0000, 0.6562,
0.0000

195.6299, 0.3680,


 0.0000, 0.9713,


0.2679


0.0000


238.9356, 0.3646,
0.2715


 0.0000, 0.0000,
0.0000


 27.1127, 0.4134,
0.2215


 27.1127, 0.4134,
0.2215

 24.9489, 0.4310,
0.2206


 30.5401, 0.3958,
0.2276


 23.8094, 0.4482,
0.2247


 35.4117, 0.3791,
0.2379


 23.7060, 0.4502,
0.2254

 41.8687, 0.3637,
0.2514

 50.0381, 0.3500,
0.2667

 60.0335, 0.3381,
0.2830

 71.9591, 0.3278,
0.2995

 85.9109, 0.3192,
0.3155

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.



27.1127, 0.2719, 0.1703



27.1127, 0.4134, 0.2215



27.1127, 0.5382, 0.2913

Triad

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



27.1127, 0.4134, 0.2215



27.1127, 0.4154, 0.5517



27.1127, 0.1058, 0.1999

Complementary

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



27.1127, 0.4134, 0.2215



73.9407, 0.2779, 0.4967

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.



27.1127, 0.1253, 0.3101



27.1127, 0.4134, 0.2215



27.1127, 0.2994, 0.5900

Square

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



27.1127, 0.4134, 0.2215



27.1127, 0.5171, 0.4577



27.1127, 0.1920, 0.4830



27.1127, 0.1215, 0.1536

Rectangle

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



27.1127, 0.4134, 0.2215



27.1127, 0.5725, 0.3421



27.1127, 0.1920, 0.4830



27.1127, 0.1079, 0.2281

Sweetspot

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



27.1096, 0.4134, 0.2215



65.5559, 0.3329, 0.2910



14.4191, 0.2037, 0.1041



13.1516, 0.3367, 0.2851



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.



27.1096, 0.4134, 0.2215



24.1581, 0.4417, 0.2226



24.4855, 0.5598, 0.3113



18.1755, 0.3197, 0.3144



12.4170, 0.4475, 0.2239



1.2303, 0.4291, 0.2137

Inverse Universe

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



27.1096, 0.4134, 0.2215



24.1581, 0.4417, 0.2226



77.9155, 0.2385, 0.3622



18.1755, 0.3197, 0.3144



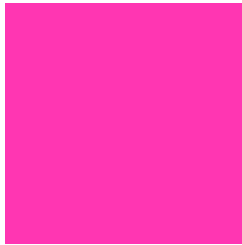
12.4170, 0.4475, 0.2239



1.2303, 0.4291, 0.2137

Previews

White Background



This preview shows how the Yxy color 27.1127, 0.4134, 0.2215 looks on a white background.

Color Contrast Check

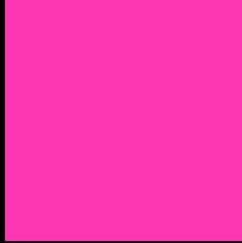
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1127, 0.4134, 0.2215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

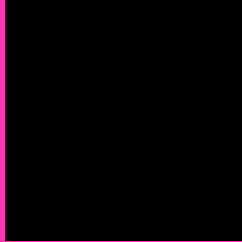
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1127, 0.4134, 0.2215

Background



This preview shows how black text looks on a background with the Yxy color 27.1127, 0.4134, 0.2215.

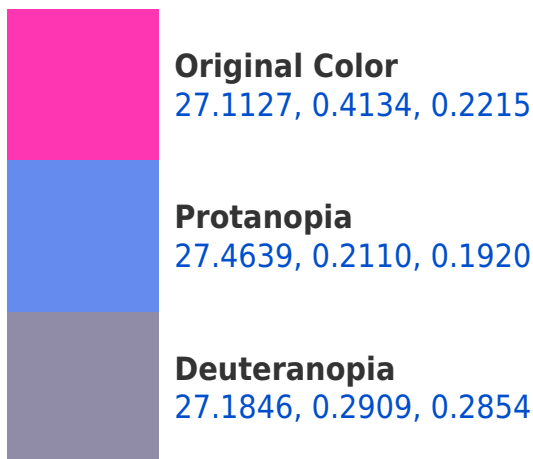


This preview shows how white text looks on a background with the Yxy color 27.1127, 0.4134, 0.2215.

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





Tritanopia

27.0017, 0.5272, 0.3262

Trichromacy



Original Color

27.1127, 0.4134, 0.2215



Protanomaly

22.9030, 0.2583, 0.1861



Deuteranomaly

23.8557, 0.3323, 0.2440



Tritanomaly

26.6548, 0.4900, 0.2863

Monochromacy



Original Color

27.1127, 0.4134, 0.2215



Achromatopsia

21.5861, 0.3127, 0.3290



Achromatomaly

20.3814, 0.3528, 0.2634

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1127, 0.4134, 0.2215 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, 54, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 54, 178)  
}
```

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, 54, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 54, 178) }
```

Border

The CSS property to change the border of an element to Yxy 27.1127, 0.4134, 0.2215 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, 54, 178) }
```

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

```
.border{ border-color:rgb(255, 54, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 54, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 54, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 54, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 54,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1127, 0.4134, 0.2215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 54, 178) }
```

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

```
.background{ background-color: rgb(255, 54,  
178) }
```

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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