

Converting Colors

Yxy(21.4281, 0.5274, 0.2679)

Have a look what the booklet for
Yxy(21.4281, 0.5274, 0.2679)
contains.

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Color

Yxy(21.4281, 0.5274, 0.2679)

Conversions

Conversions Part 1

Format	Color
Hex	FA006D
RGB	250, 0, 109
RGB Percent	98%, 0%, 43%
CMY	0.0196, 0.9998, 0.5727
CMYK	0.00, 1.00, 0.56, 0.02
HSL	334°, 100%, 49%
HSV	334°, 100%, 98%
XYZ	42.1843, 21.4281, 16.3730
YIQ	87.1760, 114.0110, 86.8990

Conversions

Conversions Part 2

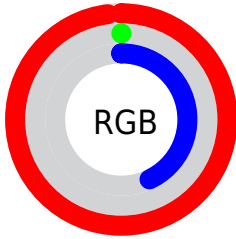
Format	Color
R_{YB}	250, 0, 109
Decimal	16384109
CIE _{Lab}	53.41, 82.19, 13.33
CIE _{LCh}	53, 83.266, 9.210
Yxy	21.4281, 0.5274, 0.2679
Android (android.graphics.Color)	4294574189 (0xFFFA006D)
YUV	87.1760, 10.7592, 142.7966
Hunter-Lab	46.2905, 81.6579, 11.4324

Details

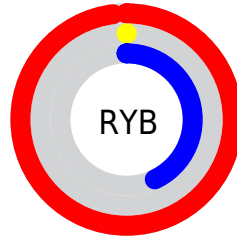
The Yxy color **21.4281, 0.5274, 0.2679** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **70.2991, 0.2670, 0.4813**, and the grayscale version is **9.5364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.5334, 0.4284, 0.2682**, and **10.7869, 0.5642, 0.2882** is the 20% darker color. If you saturate the color by 10%, you get **21.4273, 0.5275, 0.2679**, and if you desaturate by 10%, it is **22.4545, 0.5005, 0.2592**.

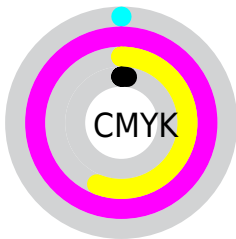
Distribution



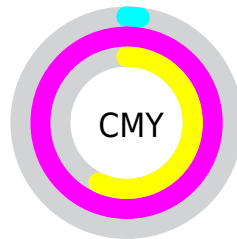
- Red (98%)
- Green (0%)
- Blue (43%)



- Red (98%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (2%)





- Cyan (2%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.4281, 0.5274, 0.2679 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 21.4281, 0.5274, 0.2679 by changing the saturation by 10% instead.


 21.4281, 0.5274,
0.2679

 21.4281, 0.5274,
0.2679


259.5449, 0.4077,
0.3056


 13.4373, 0.5606,
0.2559


 45.7989, 0.4812,
0.2835


 7.7303, 0.6047,
0.2390


 62.9477, 0.4646,
0.2888


 3.9229, 0.6648,
0.2141

 83.9180, 0.4509,
0.2930

 1.6305, 0.7498,
0.1762

 109.0941, 0.4395,
0.2965

 0.3780, 0.9018,
0.0982

 138.8605, 0.4297,
0.2993

 0.0000, 1.0000,
0.0000

 173.6015, 0.4213,

 0.0000, 0.0000,

0.3018

0.0000

213.7015, 0.4141,
0.3038

■ 21.4281, 0.5274,
0.2679

■ 21.4281, 0.5274,
0.2679

■ 21.4273, 0.5275,
0.2679

■ 22.4545, 0.5005,
0.2592

■ 24.4226, 0.4718,
0.2555

■ 27.6092, 0.4428,
0.2571

■ 32.1824, 0.4154,
0.2631

■ 38.2833, 0.3907,
0.2722

■ 46.0355, 0.3692,
0.2831

■ 55.5500, 0.3509,
0.2949

■ 66.9279, 0.3357,
0.3067

■ 80.2626, 0.3231,
0.3182

Harmonies

Analogous

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



21.4281, 0.3794, 0.1995



21.4281, 0.5274, 0.2679



21.4281, 0.5890, 0.3450

Triad

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



21.4281, 0.5274, 0.2679



21.4281, 0.3246, 0.6103



21.4281, 0.1056, 0.1517

Complementary

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



21.4281, 0.5274, 0.2679



70.2991, 0.2670, 0.4813

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.



21.4281, 0.0974, 0.2124



21.4281, 0.5274, 0.2679



21.4281, 0.2081, 0.5406

Square

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



21.4281, 0.5274, 0.2679



21.4281, 0.4454, 0.5372



21.4281, 0.1269, 0.3500



21.4281, 0.1482, 0.1368

Rectangle

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



21.4281, 0.5274, 0.2679



21.4281, 0.5696, 0.4019



21.4281, 0.1269, 0.3500



21.4281, 0.0992, 0.1656

Sweetspot

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



21.4294, 0.5274, 0.2679



58.0452, 0.3510, 0.2948



12.2669, 0.2107, 0.0934



11.4764, 0.3584, 0.2898



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.



21.4294, 0.5274, 0.2679



22.4102, 0.5277, 0.2681



20.6014, 0.6375, 0.3320



17.3508, 0.3225, 0.3187



11.3931, 0.5234, 0.2657



1.0761, 0.4933, 0.2491

Inverse Universe

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



21.4294, 0.5274, 0.2679



22.4102, 0.5277, 0.2681



67.7643, 0.2203, 0.3131



17.3508, 0.3225, 0.3187



11.3931, 0.5234, 0.2657



1.0761, 0.4933, 0.2491

Previews

White Background



This preview shows how the Yxy color 21.4281, 0.5274, 0.2679 looks on a white background.

Color Contrast Check

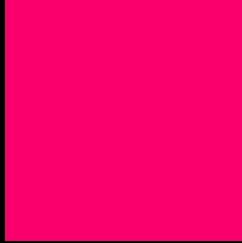
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4281, 0.5274, 0.2679 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 21.4281, 0.5274, 0.2679

Background



This preview shows how black text looks on a background with the Yxy color 21.4281, 0.5274, 0.2679.



This preview shows how white text looks on a background with the Yxy color 21.4281, 0.5274, 0.2679.

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

21.4281, 0.5274, 0.2679

Protanopia

22.0445, 0.2760, 0.2776

Deuteranopia

21.9916, 0.3781, 0.3711



Tritanopia

21.7427, 0.6038, 0.3309

Trichromacy



Original Color

21.4281, 0.5274, 0.2679



Protanomaly

16.2133, 0.3592, 0.2423



Deuteranomaly

17.2626, 0.4477, 0.2974



Tritanomaly

21.1803, 0.5862, 0.3096

Monochromacy



Original Color

21.4281, 0.5274, 0.2679



Achromatopsia

9.5307, 0.3127, 0.3290



Achromatomaly

9.6696, 0.4149, 0.2625

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.4281, 0.5274, 0.2679 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(250, 0, 109)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 109)  
}
```

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(250, 0, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 109) }
```

Border

The CSS property to change the border of an element to Yxy 21.4281, 0.5274, 0.2679 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(250, 0, 109) }
```

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

```
.border{ border-color:rgb(250, 0, 109) }
```

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

Here you see how a box with a 4 pixel rgb(250, 0, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 109);  
box-shadow:4px 4px 4px 4px rgb(250, 0,  
109) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 21.4281, 0.5274, 0.2679$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 0, 109) }
```

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

```
.background{ background-color: rgb(250, 0,  
109) }
```

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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