

Converting Colors

Yxy(24.9013, 0.5302, 0.2591)

Have a look what the booklet for
Yxy(24.9013, 0.5302, 0.2591)
contains.

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Color

Yxy(22.6405, 0.5111, 0.2589)

Conversions

Conversions Part 1

Format	Color
Hex	FF0079
RGB	255, 0, 121
RGB Percent	100%, 0%, 47%
CMY	0.0000, 1.0000, 0.5254
CMYK	0.00, 1.00, 0.53, 0.00
HSL	332°, 100%, 50%
HSV	332°, 100%, 100%
XYZ	44.6951, 22.6405, 20.1132
YIQ	90.0390, 113.1390, 91.6910

Conversions

Conversions Part 2

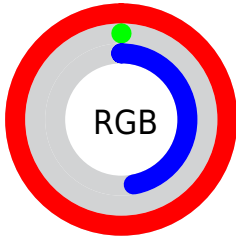
Format	Color
R_{YB}	255, 0, 121
Decimal	16711801
CIE Lab	54.70, 84.07, 7.99
CIE LCh	55, 84.453, 5.431
Yxy	22.6405, 0.5111, 0.2589
Android (android.graphics.Color)	4294901881 (0xFFFF0079)
YUV	90.0390, 15.2638, 144.6708
Hunter-Lab	47.5820, 84.4013, 8.2452

Details

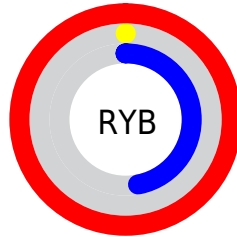
The Yxy color **22.6405, 0.5111, 0.2589** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **73.2404, 0.2709, 0.4953**, and the grayscale version is **10.1802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2008, 0.4109, 0.2562**, and **11.5574, 0.5456, 0.2779** is the 20% darker color. If you saturate the color by 10%, you get **22.6412, 0.5111, 0.2589**, and if you desaturate by 10%, it is **23.7100, 0.4860, 0.2509**.

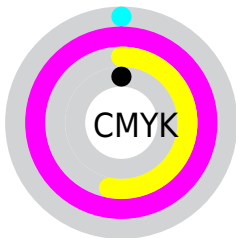
Distribution



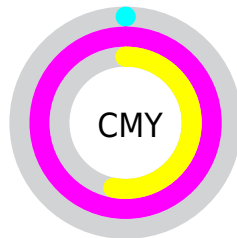
- Red (100%)
- Green (0%)
- Blue (47%)



- Red (100%)
- Yellow (0%)
- Blue (47%)



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (0%)




- Cyan (0%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.6405, 0.5111, 0.2589 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 22.6405, 0.5111, 0.2589 by changing the saturation by 10% instead.


 22.6405, 0.5111,
0.2589


 22.6405, 0.5111,
0.2589


265.8731, 0.4016,
0.2996


 14.3283, 0.5413,
0.2469


 47.8024, 0.4690,
0.2751

 8.3493, 0.5814,
0.2304


 65.4208, 0.4539,
0.2807


 4.3193, 0.6364,
0.2069

 86.9101, 0.4413,
0.2854

 1.8537, 0.7139,
0.1717

 112.6546, 0.4308,
0.2892

 0.5203, 0.8823,
0.1160

 143.0388, 0.4219,
0.2924

 0.0000, 1.0000,
0.0000

178.4470, 0.4142,

 0.0000, 0.0000,

0.2952

0.0000

219.2636, 0.4075,
0.2976

■ 22.6405, 0.5111,
0.2589

■ 22.6405, 0.5111,
0.2589

■ 22.6412, 0.5111,
0.2589

■ 23.7100, 0.4860,
0.2509

■ 25.7602, 0.4596,
0.2479

■ 29.0791, 0.4331,
0.2503

■ 33.8429, 0.4080,
0.2572

■ 40.1997, 0.3853,
0.2672

■ 48.2789, 0.3654,
0.2791

■ 58.1966, 0.3485,
0.2918

■ 70.0586, 0.3343,
0.3047

■ 83.9627, 0.3225,
0.3172

Harmonies

Analogous

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



22.6405, 0.3593, 0.1926



22.6405, 0.5111, 0.2589



22.6405, 0.5867, 0.3351

Triad

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



22.6405, 0.5111, 0.2589



22.6405, 0.3402, 0.6053



22.6405, 0.1033, 0.1569

Complementary

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



22.6405, 0.5111, 0.2589



73.2404, 0.2709, 0.4953

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.



22.6405, 0.0993, 0.2253



22.6405, 0.5111, 0.2589



22.6405, 0.2221, 0.5585

Square

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



22.6405, 0.5111, 0.2589



22.6405, 0.4597, 0.5238



22.6405, 0.1347, 0.3734



22.6405, 0.1411, 0.1374

Rectangle

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



22.6405, 0.5111, 0.2589



22.6405, 0.5756, 0.3907



22.6405, 0.1347, 0.3734



22.6405, 0.0983, 0.1728

Sweetspot

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



22.6412, 0.5111, 0.2589



58.1966, 0.3485, 0.2918



12.1054, 0.2037, 0.0896



11.5120, 0.3553, 0.2864



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.



22.6412, 0.5111, 0.2589



21.3523, 0.6393, 0.3306



18.1307, 0.3219, 0.3178



11.8602, 0.5072, 0.2568



1.1767, 0.4804, 0.2420

Inverse Universe

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



22.6412, 0.5111, 0.2589



76.0583, 0.2232, 0.3236



18.1307, 0.3219, 0.3178



11.8602, 0.5072, 0.2568



1.1767, 0.4804, 0.2420

Previews

White Background



This preview shows how the Yxy color 22.6405, 0.5111, 0.2589 looks on a white background.

Color Contrast Check

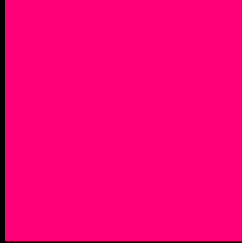
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6405, 0.5111, 0.2589 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 22.6405, 0.5111, 0.2589

Background



This preview shows how black text looks on a background with the Yxy color 22.6405, 0.5111, 0.2589.



This preview shows how white text looks on a background with the Yxy color 22.6405, 0.5111, 0.2589.

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

22.6405, 0.5111, 0.2589

Protanopia

23.3208, 0.2601, 0.2570

Deuteranopia

23.0768, 0.3645, 0.3573



Tritanopia

23.0228, 0.5979, 0.3298

Trichromacy



Original Color

22.6405, 0.5111, 0.2589



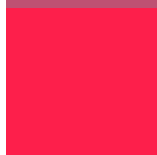
Protanomaly

16.9881, 0.3369, 0.2256



Deuteranomaly

18.0469, 0.4304, 0.2854



Tritanomaly

22.3706, 0.5760, 0.3048

Monochromacy



Original Color

22.6405, 0.5111, 0.2589



Achromatopsia

10.2242, 0.3127, 0.3290



Achromatomaly

10.3499, 0.4079, 0.2576

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6405, 0.5111, 0.2589 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, 0, 121)` looks like.

```
.text, #text, p{  
  color:rgb(255, 0, 121)  
}
```

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, 0, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 121) }
```

Border

The CSS property to change the border of an element to Yxy 22.6405, 0.5111, 0.2589 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, 0, 121) }
```

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

```
.border{ border-color:rgb(255, 0, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 0, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
121) }
```

Background

The CSS property to change the background color of an element to Yxy 22.6405, 0.5111, 0.2589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 121) }
```

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

```
.background{ background-color: rgb(255, 0,  
121) }
```

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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