

Converting Colors

$Y_{xy}(27.1264, 0.4330, 0.2371)$

Have a look what the booklet for
Yxy(27.1264, 0.4330, 0.2371)
contains.

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Color

Yxy(27.1721, 0.4329, 0.2373)

Conversions

Conversions Part 1

Format	Color
Hex	FF3CA4
RGB	255, 60, 164
RGB Percent	100%, 24%, 64%
CMY	0.0000, 0.7650, 0.3568
CMYK	0.00, 0.76, 0.36, 0.00
HSL	328°, 100%, 62%
HSV	328°, 76%, 100%
XYZ	49.5693, 27.1721, 37.7638
YIQ	130.1610, 82.8360, 73.6840

Conversions

Conversions Part 2

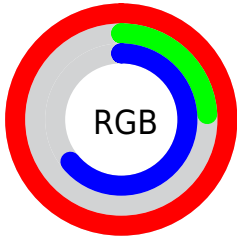
Format	Color
R _{YB}	255, 60, 164
Decimal	16727204
CIE Lab	59.13, 78.61, -10.98
CIE LCh	59, 79.378, 352.050
Yxy	27.1721, 0.4329, 0.2373
Android (android.graphics.Color)	4294917284 (0xFFFF3CA4)
YUV	130.1610, 16.6826, 109.4838
Hunter-Lab	52.1269, 78.5201, -6.4644

Details

The Yxy color **27.1721, 0.4329, 0.2373** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **74.7101, 0.2712, 0.4690**, and the grayscale version is **22.2868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.0417, 0.3524, 0.2357**, and **12.5073, 0.4627, 0.2322** is the 20% darker color. If you saturate the color by 10%, you get **24.7002, 0.4558, 0.2370**, and if you desaturate by 10%, it is **30.9567, 0.4104, 0.2427**.

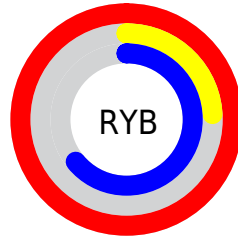
Distribution



Red (100%)

Green (24%)

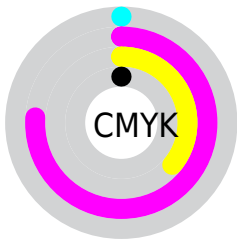
Blue (64%)



Red (100%)

Yellow (24%)

Blue (64%)

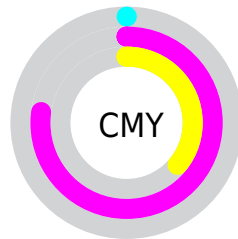


Cyan (0%)

Magenta (76%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (77%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1721, 0.4329, 0.2373 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 27.1721, 0.4329, 0.2373 by changing the saturation by 10% instead.

 27.1721, 0.4329,
0.2373


 27.1721, 0.4329,
0.2373


288.4894, 0.3696,
0.2840


 17.7025, 0.4496,
0.2255


 55.1599, 0.4092,
0.2544

 10.7366, 0.4715,
0.2105


 74.4469, 0.4005,
0.2608


 5.8900, 0.5013,
0.1905


 97.7752, 0.3932,
0.2662

 2.7783, 0.5439,
0.1632

 125.5292, 0.3871,
0.2708

 1.0171, 0.6084,
0.1246

 158.0932, 0.3818,
0.2747

 0.0000, 0.7734,
0.0000

195.8516, 0.3772,


 0.0000, 1.0000,


0.2782


0.0000


239.1889, 0.3732,
0.2813


 0.0000, 0.0000,
0.0000


 27.1721, 0.4329,
0.2373


 27.1721, 0.4329,
0.2373

 24.7002, 0.4558,
0.2370


 30.9567, 0.4104,
0.2427


 23.3543, 0.4780,
0.2422


 36.2369, 0.3895,
0.2521

 23.0395, 0.4856,
0.2449

 43.1469, 0.3706,
0.2643

 51.8103, 0.3541,
0.2781

 62.3389, 0.3400,
0.2924

 74.8353, 0.3281,
0.3067

 89.3942, 0.3182,
0.3205

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.



27.1721, 0.2960, 0.1833



27.1721, 0.4329, 0.2373



27.1721, 0.5399, 0.3074

Triad

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



27.1721, 0.4329, 0.2373



27.1721, 0.3954, 0.5558



27.1721, 0.1134, 0.1947

Complementary

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



27.1721, 0.4329, 0.2373



74.7101, 0.2712, 0.4690

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.



27.1721, 0.1266, 0.2886



27.1721, 0.4329, 0.2373



27.1721, 0.2831, 0.5674

Square

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



27.1721, 0.4329, 0.2373



27.1721, 0.4963, 0.4725



27.1721, 0.1836, 0.4449



27.1721, 0.1344, 0.1569

Rectangle

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



27.1721, 0.4329, 0.2373



27.1721, 0.5620, 0.3581



27.1721, 0.1836, 0.4449



27.1721, 0.1137, 0.2186

Sweetspot

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



27.1659, 0.4329, 0.2373



66.4797, 0.3356, 0.2974



16.7140, 0.2199, 0.1155



13.3146, 0.3402, 0.2922



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.



27.1659, 0.4329, 0.2373



23.8369, 0.4681, 0.2392



24.9230, 0.5700, 0.3232



18.1491, 0.3210, 0.3164



12.0691, 0.4822, 0.2430



1.1972, 0.4587, 0.2300

Inverse Universe

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



27.1659, 0.4329, 0.2373



23.8369, 0.4681, 0.2392



79.0862, 0.2331, 0.3406



18.1491, 0.3210, 0.3164



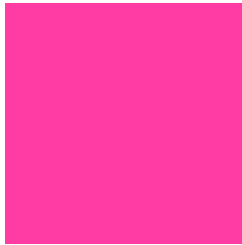
12.0691, 0.4822, 0.2430



1.1972, 0.4587, 0.2300

Previews

White Background



This preview shows how the Yxy color 27.1721, 0.4329, 0.2373 looks on a white background.

Color Contrast Check

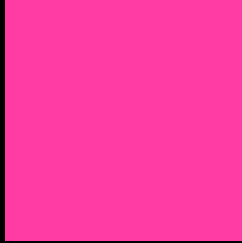
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1721, 0.4329, 0.2373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

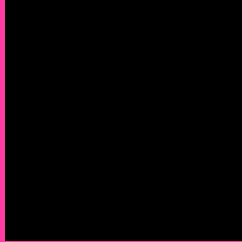
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1721, 0.4329, 0.2373

Background



This preview shows how black text looks on a background with the Yxy color 27.1721, 0.4329, 0.2373.

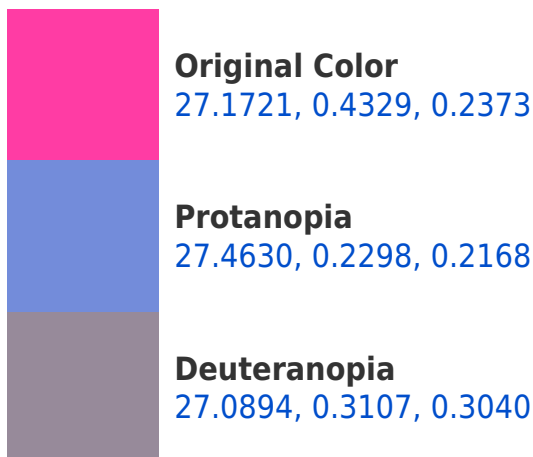


This preview shows how white text looks on a background with the Yxy color 27.1721, 0.4329, 0.2373.

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

27.1986, 0.5306, 0.3262

Trichromacy



Original Color

27.1721, 0.4329, 0.2373



Protanomaly

23.5531, 0.2835, 0.2113



Deuteranomaly

24.4393, 0.3538, 0.2642



Tritanomaly

26.9654, 0.4988, 0.2940

Monochromacy



Original Color

27.1721, 0.4329, 0.2373



Achromatopsia

22.3228, 0.3127, 0.3290



Achromatomaly

21.1701, 0.3586, 0.2749

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1721, 0.4329, 0.2373 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, 60, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 60, 164)  
}
```

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, 60, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 60, 164) }
```

Border

The CSS property to change the border of an element to Yxy 27.1721, 0.4329, 0.2373 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, 60, 164) }
```

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

```
.border{ border-color:rgb(255, 60, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 60, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 60, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 60, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 60,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1721, 0.4329, 0.2373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 60, 164) }
```

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

```
.background{ background-color: rgb(255, 60,  
164) }
```

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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