

Converting Colors

$Y_{xy}(29.0877, 0.4327, 0.2501)$

Have a look what the booklet for
Yxy(29.0877, 0.4327, 0.2501)
contains.

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Color

Yxy(29.1410, 0.4333, 0.2509)

Conversions

Conversions Part 1

Format	Color
Hex	FF4DA1
RGB	255, 77, 161
RGB Percent	100%, 30%, 63%
CMY	0.0000, 0.6980, 0.3687
CMYK	0.00, 0.70, 0.37, 0.00
HSL	332°, 100%, 65%
HSV	332°, 70%, 100%
XYZ	50.3260, 29.1410, 36.6789
YIQ	139.7980, 79.1240, 63.8600

Conversions

Conversions Part 2

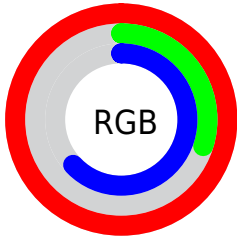
Format	Color
RYB	255, 77, 161
Decimal	16731553
CIELab	60.91, 73.01, -6.56
CIELCh	61, 73.306, 354.863
Yxy	29.1410, 0.4333, 0.2509
Android (android.graphics.Color)	4294921633 (0xFFFF4DA1)
YUV	139.7980, 10.4526, 101.0322
Hunter-Lab	53.9824, 71.9404, -2.4975

Details

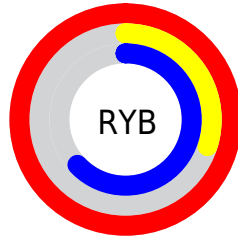
The Yxy color **29.1410, 0.4333, 0.2509** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **76.0401, 0.2669, 0.4395**, and the grayscale version is **26.0803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.3948, 0.3537, 0.2503**, and **12.4632, 0.4670, 0.2346** is the 20% darker color. If you saturate the color by 10%, you get **25.7952, 0.4599, 0.2485**, and if you desaturate by 10%, it is **33.9374, 0.4081, 0.2578**.

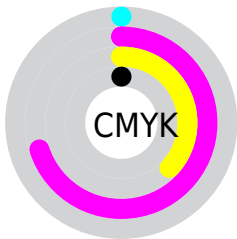
Distribution



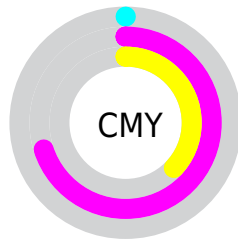
- Red (100%)
- Green (30%)
- Blue (63%)



- Red (100%)
- Yellow (30%)
- Blue (63%)



- Cyan (0%)
- Magenta (70%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1410, 0.4333, 0.2509 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 29.1410, 0.4333, 0.2509 by changing the saturation by 10% instead.

 29.1410, 0.4333,
0.2509


 29.1410, 0.4333,
0.2509


297.8797, 0.3698,
0.2911


 19.1875, 0.4501,
0.2406


 58.3010, 0.4095,
0.2657


 11.8058, 0.4721,
0.2273


 78.2764, 0.4008,
0.2712

 6.6116, 0.5022,
0.2095


 102.3611, 0.3935,
0.2759

 3.2204, 0.5453,
0.1847

 130.9396, 0.3873,
0.2798

 1.2479, 0.6109,
0.1485

164.3964, 0.3820,
0.2832

 0.1003, 0.7793,
0.0331

203.1157, 0.3774,

 0.0000, 1.0000,

0.2862

0.0000

247.4820, 0.3733,
0.2888

■ 0.0000, 0.0000,
0.0000

■ 29.1410, 0.4333,
0.2509

■ 29.1410, 0.4333,
0.2509

■ 25.7952, 0.4599,
0.2485

■ 33.9374, 0.4081,
0.2578

■ 23.7216, 0.4866,
0.2514

■ 40.3291, 0.3853,
0.2678


■ 22.6409, 0.5118,
0.2594

■ 48.4462, 0.3654,
0.2796

■ 22.6232, 0.5123,
0.2596

■ 58.4046, 0.3484,
0.2923

■ 70.3100, 0.3341,
0.3051

 84.2599, 0.3223,
0.3175

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.



29.1410, 0.3094, 0.1977



29.1410, 0.4333, 0.2509



29.1410, 0.5243, 0.3187

Triad

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



29.1410, 0.4333, 0.2509



29.1410, 0.3846, 0.5423



29.1410, 0.1272, 0.2014

Complementary

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



29.1410, 0.4333, 0.2509



76.0401, 0.2669, 0.4395

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.



29.1410, 0.1378, 0.2838



29.1410, 0.4333, 0.2509



29.1410, 0.2797, 0.5355

Square

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



29.1410, 0.4333, 0.2509



29.1410, 0.4785, 0.4746



29.1410, 0.1889, 0.4192



29.1410, 0.1503, 0.1679

Rectangle

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



29.1410, 0.4333, 0.2509



29.1410, 0.5412, 0.3679



29.1410, 0.1889, 0.4192



29.1410, 0.1268, 0.2225

Sweetspot

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



29.1420, 0.4333, 0.2509



68.7735, 0.3357, 0.3036



20.9617, 0.2395, 0.1355



13.9882, 0.3395, 0.3000



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.



29.1420, 0.4333, 0.2509



24.7804, 0.4712, 0.2490



27.5304, 0.5481, 0.3320



18.1297, 0.3220, 0.3178



11.8507, 0.5084, 0.2575



1.1757, 0.4815, 0.2426

Inverse Universe

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



29.1420, 0.4333, 0.2509



24.7804, 0.4712, 0.2490



78.4402, 0.2319, 0.3252



18.1297, 0.3220, 0.3178



11.8507, 0.5084, 0.2575



1.1757, 0.4815, 0.2426

Previews

White Background



This preview shows how the Yxy color 29.1410, 0.4333, 0.2509 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 29.1410, 0.4333, 0.2509 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 29.1410, 0.4333, 0.2509

Background



This preview shows how black text looks on a background with the Yxy color 29.1410, 0.4333, 0.2509.



This preview shows how white text looks on a background with the Yxy color 29.1410, 0.4333, 0.2509.

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

29.1410, 0.4333, 0.2509

Protanopia

29.3742, 0.2482, 0.2405

Deuteranopia

29.2828, 0.3208, 0.3153



Tritanopia

29.2198, 0.5106, 0.3250

Trichromacy



Original Color

29.1410, 0.4333, 0.2509



Protanomaly

26.2646, 0.3009, 0.2346



Deuteranomaly

27.0295, 0.3614, 0.2810



Tritanomaly

28.8923, 0.4842, 0.2976

Monochromacy



Original Color

29.1410, 0.4333, 0.2509



Achromatopsia

26.2251, 0.3127, 0.3290



Achromatomaly

24.8058, 0.3564, 0.2852

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1410, 0.4333, 0.2509 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, 77, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 161)  
}
```

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, 77, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 161) }
```

Border

The CSS property to change the border of an element to Yxy 29.1410, 0.4333, 0.2509 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, 77, 161) }
```

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

```
.border{ border-color:rgb(255, 77, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 77, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1410, 0.4333, 0.2509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 77, 161) }
```

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

```
.background{ background-color: rgb(255, 77,  
161) }
```

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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