

Converting Colors

$Y_{xy}(28.3042, 0.5019, 0.3014)$

Have a look what the booklet for
Yxy(28.3042, 0.5019, 0.3014)
contains.

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Color

Yxy(28.3371, 0.5012, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	FF5171
RGB	255, 81, 113
RGB Percent	100%, 32%, 44%
CMY	0.0000, 0.6824, 0.5569
CMYK	0.00, 0.68, 0.56, 0.00
HSL	349°, 100%, 66%
HSV	349°, 68%, 100%
XYZ	47.1689, 28.3371, 18.6059
YIQ	136.6740, 93.4320, 46.8400

Conversions

Conversions Part 2

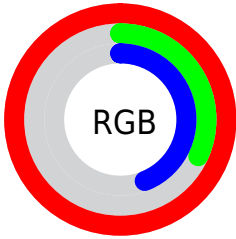
Format	Color
R _Y B	255, 81, 113
Decimal	16732529
CIE Lab	60.19, 67.45, 20.38
CIE LCh	60, 70.459, 16.814
Yxy	28.3371, 0.5012, 0.3011
Android (android.graphics.Color)	4294922609 (0xFFFF5171)
YUV	136.6740, -11.6713, 103.7719
Hunter-Lab	53.2326, 65.0101, 16.5397

Details

The Yxy color **28.3371, 0.5012, 0.3011** is a light color, and the websafe version is hex **FF3366**. The color can be described as light muted rose. A complement of this color would be **78.5955, 0.2460, 0.3685**, and the grayscale version is **24.9009, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.7328, 0.4073, 0.3032**, and **11.5998, 0.5608, 0.2863** is the 20% darker color. If you saturate the color by 10%, you get **24.8146, 0.5436, 0.3026**, and if you desaturate by 10%, it is **33.3840, 0.4597, 0.3025**.

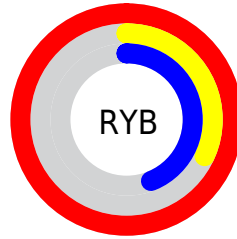
Distribution



Red (100%)

Green (32%)

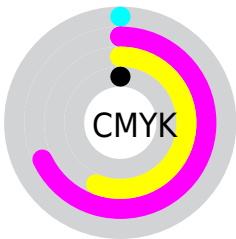
Blue (44%)



Red (100%)

Yellow (32%)

Blue (44%)

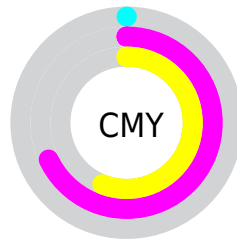


Cyan (0%)

Magenta (68%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (68%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3371, 0.5012, 0.3011 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 28.3371, 0.5012, 0.3011 by changing the saturation by 10% instead.


 28.3371, 0.5012,
0.3011


 28.3371, 0.5012,
0.3011


294.0742, 0.3993,
0.3208


 18.5799, 0.5284,
0.2941


 57.0222, 0.4627,
0.3097


 11.3671, 0.5639,
0.2839


 76.7189, 0.4487,
0.3125

 6.3143, 0.6116,
0.2682


 100.4976, 0.4370,
0.3147

 3.0372, 0.6770,
0.2424

 128.7426, 0.4271,
0.3164

 1.1512, 0.7948,
0.2052

161.8384, 0.4186,
0.3178

 0.0213, 0.9893,
0.0107

200.1693, 0.4113,


 0.0000, 1.0000,


0.3190


0.0000

244.1198, 0.4050,
0.3199

 0.0000, 0.0000,
0.0000


 28.3371, 0.5012,
0.3011


 28.3371, 0.5012,
0.3011


 24.8146, 0.5436,
0.3026


 33.3840, 0.4597,
0.3025


 22.6476, 0.5819,
0.3075


 40.1119, 0.4222,
0.3058


 21.5926, 0.6112,
0.3152

 48.6499, 0.3902,
0.3104

 21.4645, 0.6155,
0.3164

 59.1165, 0.3636,
0.3154

 71.6200, 0.3420,
0.3204

 86.2608, 0.3245,
0.3252

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.



28.3371, 0.3980, 0.2370



28.3371, 0.5012, 0.3011



28.3371, 0.5350, 0.3732

Triad

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



28.3371, 0.5012, 0.3011



28.3371, 0.3090, 0.5415



28.3371, 0.1445, 0.1767

Complementary

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



28.3371, 0.5012, 0.3011



78.5955, 0.2460, 0.3685

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.



28.3371, 0.1306, 0.2212



28.3371, 0.5012, 0.3011



28.3371, 0.2133, 0.4532

Square

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



28.3371, 0.5012, 0.3011



28.3371, 0.4107, 0.5236



28.3371, 0.1511, 0.3169



28.3371, 0.1926, 0.1691

Rectangle

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



28.3371, 0.5012, 0.3011



28.3371, 0.5149, 0.4248



28.3371, 0.1511, 0.3169



28.3371, 0.1363, 0.1868

Sweetspot

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



28.3347, 0.5012, 0.3011



69.2693, 0.3455, 0.3195



28.3488, 0.2868, 0.1608



14.0513, 0.3513, 0.3181



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.



28.3347, 0.5012, 0.3011



23.8521, 0.5588, 0.3041



38.6806, 0.4995, 0.3778



18.0416, 0.3265, 0.3246



11.2313, 0.6121, 0.3145



1.1075, 0.5831, 0.2986

Inverse Universe

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



28.3347, 0.5012, 0.3011



23.8521, 0.5588, 0.3041



51.5838, 0.2174, 0.2623



18.0416, 0.3265, 0.3246



11.2313, 0.6121, 0.3145



1.1075, 0.5831, 0.2986

Previews

White Background



This preview shows how the Yxy color 28.3371, 0.5012, 0.3011 looks on a white background.

Color Contrast Check

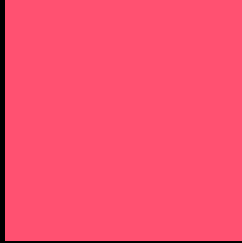
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3371, 0.5012, 0.3011 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 28.3371, 0.5012, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 28.3371, 0.5012, 0.3011.



This preview shows how white text looks on a background with the Yxy color 28.3371, 0.5012, 0.3011.

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

28.3371, 0.5012, 0.3011

Protanopia

28.5603, 0.3169, 0.3306

Deuteranopia

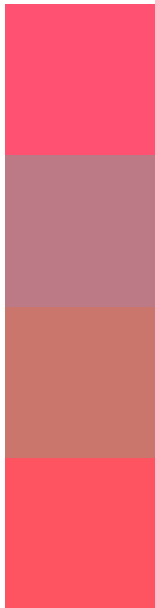
28.2558, 0.3873, 0.3800



Tritanopia

28.3060, 0.5284, 0.3254

Trichromacy



Original Color

28.3371, 0.5012, 0.3011

Protanomaly

26.1773, 0.3798, 0.3137

Deuteranomaly

26.5961, 0.4317, 0.3423

Tritanomaly

28.2933, 0.5189, 0.3175

Monochromacy



Original Color

28.3371, 0.5012, 0.3011

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

23.9844, 0.3797, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3371, 0.5012, 0.3011 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, 81, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 81, 113)  
}
```

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, 81, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 81, 113) }
```

Border

The CSS property to change the border of an element to Yxy 28.3371, 0.5012, 0.3011 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, 81, 113) }
```

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

```
.border{ border-color:rgb(255, 81, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 81, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 81, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 81, 113);  
box-shadow:4px 4px 4px 4px rgb(255, 81,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3371, 0.5012, 0.3011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 81, 113) }
```

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

```
.background{ background-color: rgb(255, 81,  
113) }
```

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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