

Converting Colors

Yxy(30.3833, 0.4628, 0.2845)

Have a look what the booklet for
Yxy(30.3833, 0.4628, 0.2845)
contains.

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Color

Yxy(30.3785, 0.4630, 0.2847)

Conversions

Conversions Part 1

Format	Color
Hex	FF5A89
RGB	255, 90, 137
RGB Percent	100%, 35%, 54%
CMY	0.0001, 0.6469, 0.4628
CMYK	0.00, 0.65, 0.46, 0.00
HSL	343°, 100%, 68%
HSV	343°, 65%, 100%
XYZ	49.4037, 30.3785, 26.9213
YIQ	144.6930, 83.2530, 49.5970

Conversions

Conversions Part 2

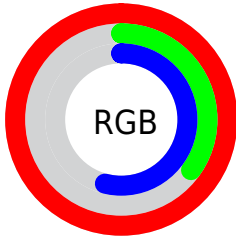
Format	Color
R _Y B	255, 90, 137
Decimal	16734857
CIE Lab	61.98, 65.90, 8.92
CIE LCh	62, 66.499, 7.708
Yxy	30.3785, 0.4630, 0.2847
Android (android.graphics.Color)	4294924937 (0xFFFF5A89)
YUV	144.6930, -3.7926, 96.7392
Hunter-Lab	55.1167, 63.5439, 9.6220

Details

The Yxy color **30.3785, 0.4630, 0.2847** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **78.2348, 0.2547, 0.3879**, and the grayscale version is **28.1805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.1575, 0.3780, 0.2855**, and **12.5078, 0.5117, 0.2668** is the 20% darker color. If you saturate the color by 10%, you get **26.3094, 0.5005, 0.2837**, and if you desaturate by 10%, it is **36.0140, 0.4282, 0.2890**.

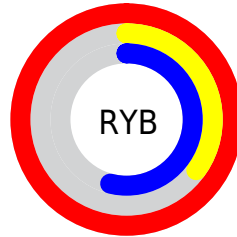
Distribution



Red (100%)

Green (35%)

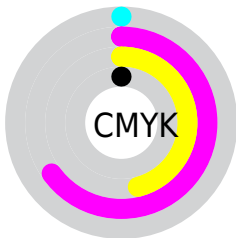
Blue (54%)



Red (100%)

Yellow (35%)

Blue (54%)

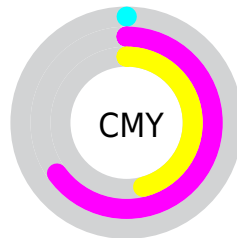


Cyan (0%)

Magenta (65%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (65%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3785, 0.4630, 0.2847 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 30.3785, 0.4630, 0.2847 by changing the saturation by 10% instead.


 30.3785, 0.4630,
0.2847


 30.3785, 0.4630,
0.2847


303.6648, 0.3827,
0.3100

 20.1261, 0.4845,
0.2774


 60.2602, 0.4327,
0.2947


 12.4867, 0.5128,
0.2673


 80.6583, 0.4216,
0.2982

 7.0761, 0.5514,
0.2530


 105.2071, 0.4124,
0.3010

 3.5097, 0.6064,
0.2313

 134.2909, 0.4046,
0.3034

 1.4033, 0.6893,
0.1961

168.2942, 0.3979,
0.3055

 0.2191, 0.9110,
0.0890

207.6013, 0.3922,

 0.0000, 1.0000,

0.3072

0.0000

252.5967, 0.3871,
0.3087

0.0000, 0.0000,
0.0000

30.3785, 0.4630,
0.2847

30.3785, 0.4630,
0.2847

26.3094, 0.5005,
0.2837

36.0140, 0.4282,
0.2890

23.6391, 0.5378,
0.2871

43.3508, 0.3976,
0.2954


22.1704, 0.5711,
0.2951

52.5147, 0.3717,
0.3029

21.7305, 0.5864,
0.3004

63.6185, 0.3502,
0.3107

76.7655, 0.3327,
0.3184

 92.0519, 0.3184,
0.3257

99.9951, 0.3127,
0.3290

Harmonies

Analogous

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



30.3785, 0.3579, 0.2274



30.3785, 0.4630, 0.2847



30.3785, 0.5178, 0.3521

Triad

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



30.3785, 0.4630, 0.2847



30.3785, 0.3413, 0.5288



30.3785, 0.1468, 0.1951

Complementary

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



30.3785, 0.4630, 0.2847



78.2348, 0.2547, 0.3879

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.



30.3785, 0.1434, 0.2515



30.3785, 0.4630, 0.2847



30.3785, 0.2465, 0.4757

Square

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



30.3785, 0.4630, 0.2847



30.3785, 0.4338, 0.4948



30.3785, 0.1755, 0.3554



30.3785, 0.1826, 0.1776

Rectangle

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



30.3785, 0.4630, 0.2847



30.3785, 0.5141, 0.4001



30.3785, 0.1755, 0.3554



30.3785, 0.1421, 0.2090

Sweetspot

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



30.3802, 0.4630, 0.2847



70.8533, 0.3398, 0.3151



27.5872, 0.2733, 0.1604



14.3702, 0.3449, 0.3129



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.



30.3802, 0.4630, 0.2847



25.2839, 0.5131, 0.2843



36.1668, 0.4999, 0.3604



18.0721, 0.3249, 0.3223



11.3793, 0.5822, 0.2981



1.1258, 0.5502, 0.2805

Inverse Universe

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



30.3802, 0.4630, 0.2847



25.2839, 0.5131, 0.2843



61.6301, 0.2262, 0.2881



18.0721, 0.3249, 0.3223



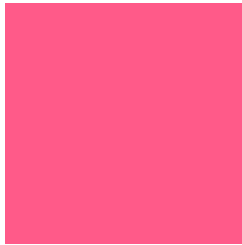
11.3793, 0.5822, 0.2981



1.1258, 0.5502, 0.2805

Previews

White Background



This preview shows how the Yxy color 30.3785, 0.4630, 0.2847 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.3785, 0.4630, 0.2847 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 ✓ Pass

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

Yxy 30.3785, 0.4630, 0.2847

Background



This preview shows how black text looks on a background with the Yxy color 30.3785, 0.4630, 0.2847.



This preview shows how white text looks on a background with the Yxy color 30.3785, 0.4630, 0.2847.

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

30.3785, 0.4630, 0.2847

Protanopia

30.6002, 0.2916, 0.2971

Deuteranopia

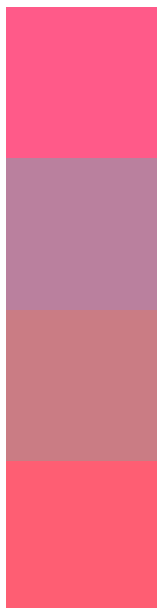
30.3022, 0.3589, 0.3514



Tritanopia

30.4113, 0.5032, 0.3240

Trichromacy



Original Color

30.3785, 0.4630, 0.2847

Protanomaly

28.3461, 0.3466, 0.2878

Deuteranomaly

28.6378, 0.3977, 0.3188

Tritanomaly

30.3140, 0.4904, 0.3099

Monochromacy



Original Color

30.3785, 0.4630, 0.2847

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

26.9345, 0.3651, 0.3052

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3785, 0.4630, 0.2847 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, 90, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 90, 137)  
}
```

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, 90, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 90, 137) }
```

Border

The CSS property to change the border of an element to Yxy 30.3785, 0.4630, 0.2847 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, 90, 137) }
```

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

```
.border{ border-color:rgb(255, 90, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 90, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 90, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 90, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 90,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3785, 0.4630, 0.2847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 90, 137) }
```

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

```
.background{ background-color: rgb(255, 90,  
137) }
```

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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