

Converting Colors

Yxy(61.6286, 0.3279, 0.2733)

Have a look what the booklet for
Yxy(61.6286, 0.3279, 0.2733)
contains.

Yxy(61.7730, 0.3281, 0.2740)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.7730, 0.3281, 0.2740)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8EF
RGB	255, 184, 239
RGB Percent	100%, 72%, 94%
CMY	0.0000, 0.2785, 0.0626
CMYK	0.00, 0.28, 0.06, 0.00
HSL	313°, 100%, 86%
HSV	313°, 28%, 100%
XYZ	73.9698, 61.7730, 89.7061
YIQ	211.4990, 24.6610, 32.1570

Conversions

Conversions Part 2

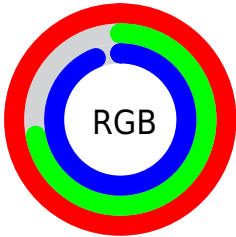
Format	Color
R _Y B	255, 184, 239
Decimal	16759023
CIE Lab	82.79, 34.08, -17.16
CIE LCh	83, 38.159, 333.275
Yxy	61.7730, 0.3281, 0.2740
Android (android.graphics.Color)	4294949103 (0xFFFFB8EF)
YUV	211.4990, 13.5580, 38.1504
Hunter-Lab	78.5958, 30.4511, -12.6542

Details

The Yxy color **61.7730, 0.3281, 0.2740** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.8778, 0.3004, 0.3912**, and the grayscale version is **65.3827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **31.2545, 0.3309, 0.2614** is the 20% darker color. If you saturate the color by 10%, you get **51.7817, 0.3352, 0.2541**, and if you desaturate by 10%, it is **73.6808, 0.3218, 0.2942**.

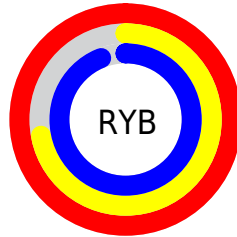
Distribution



Red (100%)

Green (72%)

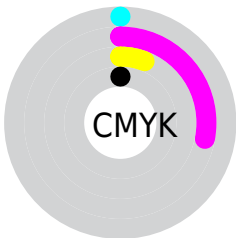
Blue (94%)



Red (100%)

Yellow (72%)

Blue (94%)

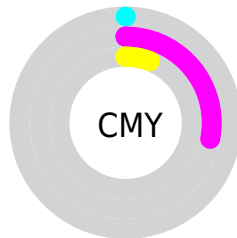


Cyan (0%)

Magenta (28%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (28%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7730, 0.3281, 0.2740 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 61.7730, 0.3281, 0.2740 by changing the saturation by 10% instead.


 61.7730, 0.3281,
0.2740

 61.7730, 0.3281,
0.2740


431.1026, 0.3213,
0.2989

 44.8493, 0.3296,
0.2684


 107.3974, 0.3258,
0.2825

 31.3387, 0.3313,
0.2616


136.8669, 0.3249,
0.2859

 20.8569, 0.3335,
0.2531


171.2871, 0.3241,
0.2888

 13.0195, 0.3362,
0.2422

211.0424, 0.3234,
0.2913

 7.4419, 0.3396,
0.2277

256.5172, 0.3228,
0.2936

 3.7400, 0.3441,
0.2075


308.0959, 0.3223,


 1.5292, 0.3501,

0.2956

0.1779


366.1629, 0.3218,
0.2973

 0.3092, 0.3709,
0.0989


 0.0000, 0.1820,
0.0000


 61.7730, 0.3281,
0.2740


 61.7730, 0.3281,
0.2740

 51.7817, 0.3352,
0.2541


 73.6808, 0.3218,
0.2942

 43.6096, 0.3430,
0.2353

 87.6055, 0.3164,
0.3140

 37.1424, 0.3515,
0.2187

100.0000, 0.3127,
0.3290

 32.2555, 0.3605,
0.2052

■ 28.8067, 0.3696,
0.1959

■ 26.6285, 0.3786,
0.1913

■ 25.4969, 0.3872,
0.1913

■ 25.3206, 0.3890,
0.1917

Harmonies

Analogous

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



61.7730, 0.2800, 0.2551



61.7730, 0.3281, 0.2740



61.7730, 0.3751, 0.3052

Triad

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



61.7730, 0.3281, 0.2740



61.7730, 0.3827, 0.4089



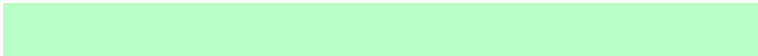
61.7730, 0.2284, 0.3036

Complementary

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



61.7730, 0.3281, 0.2740



85.8778, 0.3004, 0.3912

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.



61.7730, 0.2519, 0.3510



61.7730, 0.3281, 0.2740



61.7730, 0.3402, 0.4164

Square

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



61.7730, 0.3281, 0.2740



61.7730, 0.4073, 0.3806



61.7730, 0.2923, 0.3950



61.7730, 0.2257, 0.2687

Rectangle

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



61.7730, 0.3281, 0.2740



61.7730, 0.3978, 0.3301



61.7730, 0.2923, 0.3950



61.7730, 0.2340, 0.3186

Sweetspot

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



61.7712, 0.3281, 0.2740



87.3758, 0.3165, 0.3137



53.6913, 0.2744, 0.2504



18.2263, 0.3173, 0.3108



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.



61.7712, 0.3281, 0.2740



56.3894, 0.3316, 0.2637



59.9025, 0.3566, 0.3083



18.2263, 0.3173, 0.3108



13.2542, 0.3877, 0.1909



1.3069, 0.3785, 0.1859

Inverse Universe

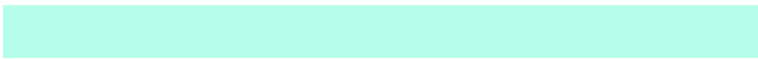
The Inverse Universe completely reimagines the original color for something new.



61.7712, 0.3281, 0.2740



56.3894, 0.3316, 0.2637



87.7006, 0.2821, 0.3509



18.2263, 0.3173, 0.3108



13.2542, 0.3877, 0.1909



1.3069, 0.3785, 0.1859

Previews

White Background



This preview shows how the Yxy color 61.7730, 0.3281, 0.2740 looks on a white background.

Color Contrast Check

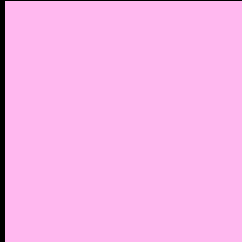
Large Text (above 18pt) WCAG AA × Fail

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 61.7730, 0.3281, 0.2740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

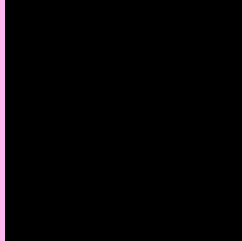
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7730, 0.3281, 0.2740

Background



This preview shows how black text looks on a background with the Yxy color 61.7730, 0.3281, 0.2740.



This preview shows how white text looks on a background with the Yxy color 61.7730, 0.3281, 0.2740.

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

61.7730, 0.3281, 0.2740

Protanopia

61.8797, 0.2744, 0.2746

Deuteranopia

61.9756, 0.2974, 0.2904



Tritanopia

61.7439, 0.3514, 0.3134

Trichromacy



Original Color

61.7730, 0.3281, 0.2740



Protanomaly

61.4615, 0.2923, 0.2741



Deuteranomaly

61.6386, 0.3079, 0.2841



Tritanomaly

61.6716, 0.3427, 0.2992

Monochromacy



Original Color

61.7730, 0.3281, 0.2740



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.3246, 0.3184, 0.3072

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7730, 0.3281, 0.2740 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, 184, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 239)  
}
```

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, 184, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 239) }
```

Border

The CSS property to change the border of an element to Yxy 61.7730, 0.3281, 0.2740 is called "border". The border property can be set on classes, ids or directly on the HTML element.

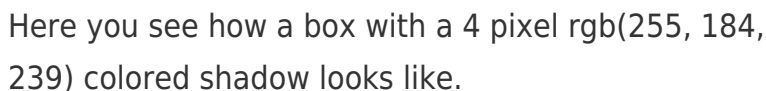
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 184, 239) }
```

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

```
.border{ border-color:rgb(255, 184, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 184, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 184, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 184, 239); box-shadow:4px 4px 4px 4px rgb(255, 184, 239) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7730, 0.3281, 0.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 239) }
```

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

```
.background{ background-color: rgb(255,  
184, 239) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor