

Converting Colors

$Y_{xy}(74.2523, 0.3864, 0.2899)$

Have a look what the booklet for
Yxy(74.2523, 0.3864, 0.2899)
contains.

Yxy(60.3730, 0.3362, 0.2815)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.3730, 0.3362, 0.2815)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6E5
RGB	255, 182, 229
RGB Percent	100%, 71%, 90%
CMY	0.0001, 0.2862, 0.1019
CMYK	0.00, 0.29, 0.10, 0.00
HSL	321°, 100%, 86%
HSV	321°, 29%, 100%
XYZ	72.1044, 60.3730, 81.9915
YIQ	209.1850, 28.4210, 30.0930

Conversions

Conversions Part 2

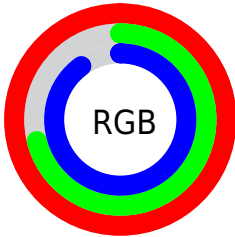
Format	Color
R_{YB}	255, 182, 229
Decimal	16758501
CIE _{Lab}	82.04, 33.43, -12.92
CIE _{LCh}	82, 35.836, 338.866
Yxy	60.3730, 0.3362, 0.2815
Android (android.graphics.Color)	4294948581 (0xFFFFB6E5)
YUV	209.1850, 9.7688, 40.1798
Hunter-Lab	77.7001, 29.6701, -8.1746

Details

The Yxy color $60.3730, 0.3362, 0.2815$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.0024, 0.2950, 0.3819$, and the grayscale version is $63.8102, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2130, 0.3134, 0.3136$, and $30.3647, 0.3408, 0.2696$ is the 20% darker color. If you saturate the color by 10%, you get $50.3709, 0.3473, 0.2646$, and if you desaturate by 10%, it is $72.3083, 0.3267, 0.2986$.

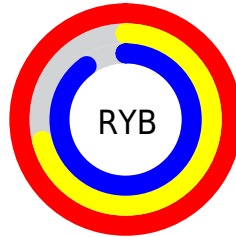
Distribution



Red (100%)

Green (71%)

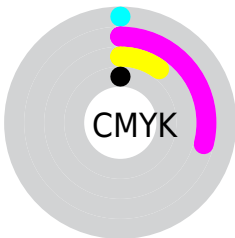
Blue (90%)



Red (100%)

Yellow (71%)

Blue (90%)

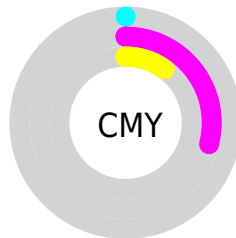


Cyan (0%)

Magenta (29%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (29%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3730, 0.3362, 0.2815 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 60.3730, 0.3362, 0.2815 by changing the saturation by 10% instead.


 60.3730, 0.3362,
0.2815

 60.3730, 0.3362,
0.2815


425.9713, 0.3254,
0.3033

 43.7194, 0.3386,
0.2766


 105.3706, 0.3325,
0.2890

 30.4499, 0.3416,
0.2705


134.4833, 0.3310,
0.2919

 20.1804, 0.3454,
0.2629


168.5178, 0.3298,
0.2945

 12.5262, 0.3504,
0.2530

207.8585, 0.3287,
0.2967

 7.1031, 0.3570,
0.2397

252.8898, 0.3277,
0.2986

 3.5267, 0.3664,
0.2210


303.9961, 0.3269,

 1.4125, 0.3807,


0.3004


0.1926


361.5618, 0.3261,
0.3019

 0.2259, 0.4297,
0.0929


 0.0000, 0.0000,
0.0000


 60.3730, 0.3362,
0.2815


 60.3730, 0.3362,
0.2815

 50.3709, 0.3473,
0.2646

 72.3083, 0.3267,
0.2986

 42.1902, 0.3599,
0.2485

 86.2645, 0.3186,
0.3153

 35.7201, 0.3740,
0.2345

99.9948, 0.3127,
0.3290

 30.8343, 0.3893,
0.2235

■ 27.3890, 0.4052,
0.2168

■ 25.2139, 0.4213,
0.2152

■ 24.0668, 0.4368,
0.2185

■ 23.9442, 0.4390,
0.2192

Harmonies

Analogous

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



60.3730, 0.2897, 0.2609



60.3730, 0.3362, 0.2815



60.3730, 0.3786, 0.3129

Triad

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



60.3730, 0.3362, 0.2815



60.3730, 0.3727, 0.4079



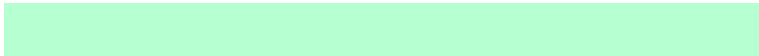
60.3730, 0.2306, 0.2978

Complementary

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



60.3730, 0.3362, 0.2815



86.0024, 0.2950, 0.3819

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.



60.3730, 0.2495, 0.3413



60.3730, 0.3362, 0.2815



60.3730, 0.3305, 0.4098

Square

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



60.3730, 0.3362, 0.2815



60.3730, 0.3997, 0.3842



60.3730, 0.2855, 0.3846



60.3730, 0.2317, 0.2676

Rectangle

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



60.3730, 0.3362, 0.2815



60.3730, 0.3973, 0.3372



60.3730, 0.2855, 0.3846



60.3730, 0.2347, 0.3113

Sweetspot

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



60.3757, 0.3362, 0.2815



85.7066, 0.3189, 0.3146



54.0262, 0.2802, 0.2495



17.8849, 0.3200, 0.3122



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.



60.3757, 0.3362, 0.2815



54.7662, 0.3420, 0.2723



58.5663, 0.3667, 0.3177



18.1842, 0.3193, 0.3138



12.5439, 0.4365, 0.2178



1.2422, 0.4198, 0.2086

Inverse Universe

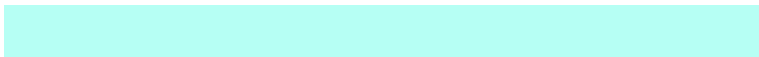
The Inverse Universe completely reimagines the original color for something new.



60.3757, 0.3362, 0.2815



54.7662, 0.3420, 0.2723



87.9830, 0.2765, 0.3408



18.1842, 0.3193, 0.3138



12.5439, 0.4365, 0.2178



1.2422, 0.4198, 0.2086

Previews

White Background



This preview shows how the Yxy color 60.3730, 0.3362, 0.2815 looks on a white background.

Color Contrast Check

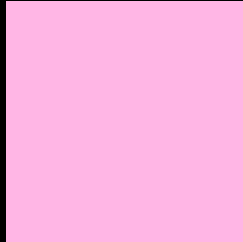
Large Text (above 18pt) WCAG AA × Fail

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 60.3730, 0.3362, 0.2815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

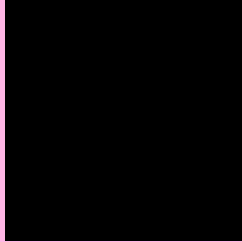
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3730, 0.3362, 0.2815

Background



This preview shows how black text looks on a background with the Yxy color 60.3730, 0.3362, 0.2815.



This preview shows how white text looks on a background with the Yxy color 60.3730, 0.3362, 0.2815.

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

60.3730, 0.3362, 0.2815

Protanopia

60.8584, 0.2816, 0.2849

Deuteranopia

60.6340, 0.3050, 0.2988



Tritanopia

60.4531, 0.3561, 0.3145

Trichromacy



Original Color

60.3730, 0.3362, 0.2815



Protanomaly

59.8964, 0.2996, 0.2830



Deuteranomaly

60.3440, 0.3160, 0.2923



Tritanomaly

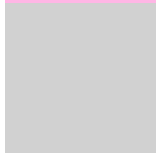
60.2837, 0.3490, 0.3022

Monochromacy



Original Color

60.3730, 0.3362, 0.2815



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

61.9735, 0.3214, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3730, 0.3362, 0.2815 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, 182, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 229)  
}
```

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, 182, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 229) }
```

Border

The CSS property to change the border of an element to Yxy 60.3730, 0.3362, 0.2815 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, 182, 229) }
```

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

```
.border{ border-color:rgb(255, 182, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 182, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 182, 229); box-shadow:4px 4px 4px 4px rgb(255, 182, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3730, 0.3362, 0.2815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 229) }
```

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

```
.background{ background-color: rgb(255,  
182, 229) }
```

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