

Converting Colors

$Y_{xy}(60.8693, 0.3291, 0.2730)$

Have a look what the booklet for
Yxy(60.8693, 0.3291, 0.2730)
contains.

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Color

Yxy(60.8889, 0.3291, 0.2730)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6EE
RGB	255, 182, 238
RGB Percent	100%, 71%, 93%
CMY	0.0000, 0.2863, 0.0668
CMYK	0.00, 0.29, 0.07, 0.00
HSL	314°, 100%, 86%
HSV	314°, 29%, 100%
XYZ	73.4012, 60.8889, 88.7461
YIQ	210.2110, 25.5320, 32.8920

Conversions

Conversions Part 2

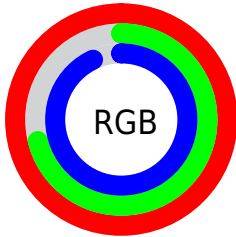
Format	Color
R _Y B	255, 182, 238
Decimal	16758510
CIE Lab	82.32, 34.94, -17.31
CIE LCh	82, 38.993, 333.652
Yxy	60.8889, 0.3291, 0.2730
Android (android.graphics.Color)	4294948590 (0xFFFFB6EE)
YUV	210.2110, 13.7000, 39.2800
Hunter-Lab	78.0313, 31.3536, -12.8094

Details

The Yxy color **60.8889, 0.3291, 0.2730** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.5906, 0.2997, 0.3925**, and the grayscale version is **64.4879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **30.6861, 0.3321, 0.2601** is the 20% darker color. If you saturate the color by 10%, you get **51.0331, 0.3365, 0.2533**, and if you desaturate by 10%, it is **72.6562, 0.3226, 0.2930**.

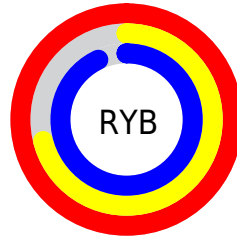
Distribution



Red (100%)

Green (71%)

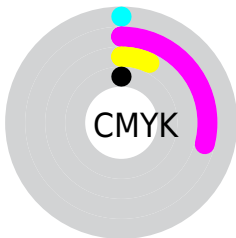
Blue (93%)



Red (100%)

Yellow (71%)

Blue (93%)

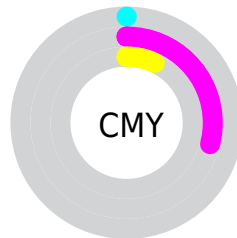


Cyan (0%)

Magenta (29%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8889, 0.3291, 0.2730 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 60.8889, 0.3291, 0.2730 by changing the saturation by 10% instead.

 60.8889, 0.3291,
0.2730

 60.8889, 0.3291,
0.2730


427.8665, 0.3219,
0.2984

 44.1355, 0.3307,
0.2673


 106.1181, 0.3267,
0.2817

 30.7771, 0.3326,
0.2604


135.3626, 0.3257,
0.2851

 20.4291, 0.3349,
0.2517


169.5397, 0.3248,
0.2881

 12.7074, 0.3378,
0.2405

209.0337, 0.3241,
0.2907

 7.2274, 0.3415,
0.2256

254.2289, 0.3235,
0.2930

 3.6047, 0.3465,
0.2050

305.5099, 0.3229,

 1.4550, 0.3531,

0.2950

0.1746

363.2610, 0.3223,
0.2968

0.2567, 0.3782,
0.0864

0.0000, 0.1362,
0.0000

60.8889, 0.3291,
0.2730

60.8889, 0.3291,
0.2730

51.0331, 0.3365,
0.2533

72.6562, 0.3226,
0.2930

42.9879, 0.3447,
0.2348

86.4331, 0.3169,
0.3127

36.6393, 0.3536,
0.2185

100.0000, 0.3127,
0.3290

31.8612, 0.3629,
0.2055

■ 28.5100, 0.3724,
0.1967

■ 26.4156, 0.3818,
0.1926

■ 25.3359, 0.3908,
0.1931

■ 25.2226, 0.3920,
0.1933

Harmonies

Analogous

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



60.8889, 0.2797, 0.2535



60.8889, 0.3291, 0.2730



60.8889, 0.3773, 0.3050

Triad

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



60.8889, 0.3291, 0.2730



60.8889, 0.3840, 0.4112



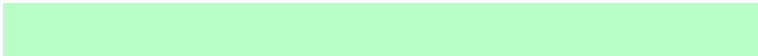
60.8889, 0.2262, 0.3022

Complementary

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



60.8889, 0.3291, 0.2730



85.5906, 0.2997, 0.3925

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.



60.8889, 0.2499, 0.3510



60.8889, 0.3291, 0.2730



60.8889, 0.3402, 0.4188

Square

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



60.8889, 0.3291, 0.2730



60.8889, 0.4096, 0.3822



60.8889, 0.2911, 0.3964



60.8889, 0.2237, 0.2667

Rectangle

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



60.8889, 0.3291, 0.2730



60.8889, 0.4004, 0.3305



60.8889, 0.2911, 0.3964



60.8889, 0.2318, 0.3176

Sweetspot

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



60.8881, 0.3291, 0.2730



85.8812, 0.3171, 0.3119



52.8239, 0.2740, 0.2481



17.9280, 0.3179, 0.3091



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.



60.8881, 0.3291, 0.2730



55.3610, 0.3329, 0.2623



58.9561, 0.3593, 0.3089



18.2236, 0.3174, 0.3110



13.2036, 0.3906, 0.1925



1.3023, 0.3810, 0.1872

Inverse Universe

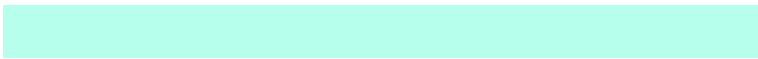
The Inverse Universe completely reimagines the original color for something new.



60.8881, 0.3291, 0.2730



55.3610, 0.3329, 0.2623



87.4945, 0.2807, 0.3502



18.2236, 0.3174, 0.3110



13.2036, 0.3906, 0.1925



1.3023, 0.3810, 0.1872

Previews

White Background



This preview shows how the Yxy color 60.8889, 0.3291, 0.2730 looks on a white background.

Color Contrast Check

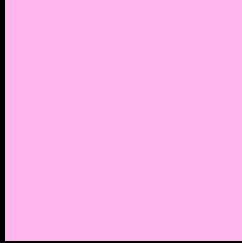
Large Text (above 18pt) WCAG AA × Fail

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 60.8889, 0.3291, 0.2730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

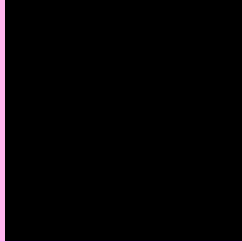
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8889, 0.3291, 0.2730

Background



This preview shows how black text looks on a background with the Yxy color 60.8889, 0.3291, 0.2730.

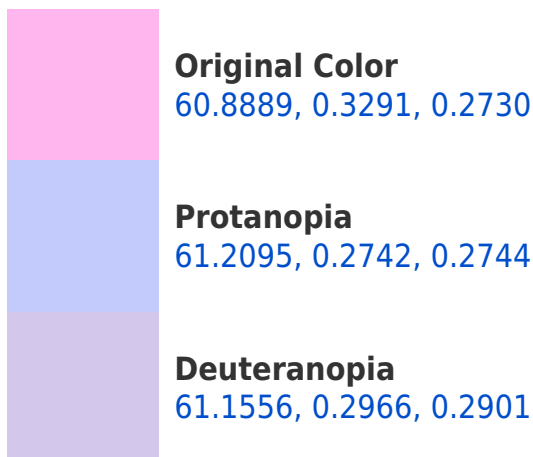


This preview shows how white text looks on a background with the Yxy color 60.8889, 0.3291, 0.2730.

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





Tritanopia

60.7875, 0.3534, 0.3134

Trichromacy



Original Color

60.8889, 0.3291, 0.2730



Protanomaly

60.3445, 0.2921, 0.2728



Deuteranomaly

60.5270, 0.3079, 0.2829



Tritanomaly

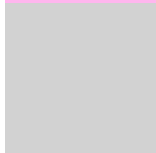
60.7711, 0.3438, 0.2981

Monochromacy



Original Color

60.8889, 0.3291, 0.2730



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

62.6446, 0.3184, 0.3071

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8889, 0.3291, 0.2730 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 238) }
```

Border

The CSS property to change the border of an element to Yxy 60.8889, 0.3291, 0.2730 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, 238) }
```

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

```
.border{ border-color:rgb(255, 182, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8889, 0.3291, 0.2730 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, 238) }
```

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

```
.background{ background-color: rgb(255,  
182, 238) }
```

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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