

Converting Colors

Yxy(61.6628, 0.3274, 0.2728)

Have a look what the booklet for
Yxy(61.6628, 0.3274, 0.2728)
contains.

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Color

Yxy(61.8323, 0.3273, 0.2731)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8F0
RGB	255, 184, 240
RGB Percent	100%, 72%, 94%
CMY	0.0001, 0.2784, 0.0588
CMYK	0.00, 0.28, 0.06, 0.00
HSL	313°, 100%, 86%
HSV	313°, 28%, 100%
XYZ	74.1037, 61.8323, 90.4730
YIQ	211.6130, 24.3400, 32.4680

Conversions

Conversions Part 2

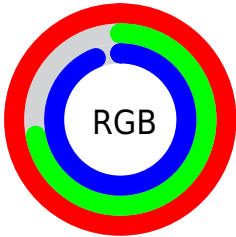
Format	Color
R _Y B	255, 184, 240
Decimal	16759024
CIE Lab	82.82, 34.22, -17.64
CIE LCh	83, 38.502, 332.733
Yxy	61.8323, 0.3273, 0.2731
Android (android.graphics.Color)	4294949104 (0xFFFFB8F0)
YUV	211.6130, 13.9948, 38.0504
Hunter-Lab	78.6335, 30.6085, -13.1736

Details

The Yxy color **61.8323, 0.3273, 0.2731** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.8221, 0.3009, 0.3923**, and the grayscale version is **65.4631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **31.2963, 0.3298, 0.2603** is the 20% darker color. If you saturate the color by 10%, you get **51.8633, 0.3340, 0.2529**, and if you desaturate by 10%, it is **73.7254, 0.3214, 0.2936**.

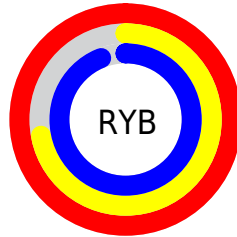
Distribution



Red (100%)

Green (72%)

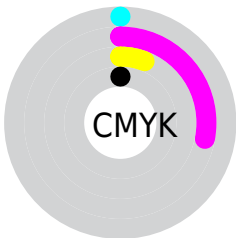
Blue (94%)



Red (100%)

Yellow (72%)

Blue (94%)

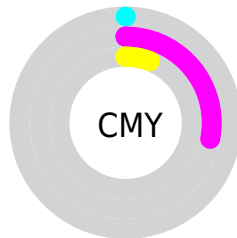


Cyan (0%)

Magenta (28%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8323, 0.3273, 0.2731 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 61.8323, 0.3273, 0.2731 by changing the saturation by 10% instead.


 61.8323, 0.3273,
0.2731

 61.8323, 0.3273,
0.2731


431.3191, 0.3209,
0.2984

 44.8972, 0.3287,
0.2675


 107.4831, 0.3252,
0.2818

 31.3765, 0.3303,
0.2606

136.9676, 0.3243,
0.2852

 20.8857, 0.3323,
0.2520


171.4041, 0.3236,
0.2881

 13.0405, 0.3348,
0.2409

211.1769, 0.3229,
0.2907

 7.4564, 0.3379,
0.2262

256.6704, 0.3223,
0.2930

 3.7491, 0.3420,
0.2059

308.2690, 0.3218,

 1.5342, 0.3472,

0.2950

0.1760

366.3571, 0.3214,
0.2968

0.3127, 0.3658,
0.0980

0.0000, 0.1792,
0.0000

61.8323, 0.3273,
0.2731

61.8323, 0.3273,
0.2731

51.8633, 0.3340,
0.2529

73.7254, 0.3214,
0.2936

43.7075, 0.3414,
0.2339

87.6293, 0.3162,
0.3138

37.2553, 0.3493,
0.2170

99.9961, 0.3127,
0.3290

32.3819, 0.3577,
0.2033

■ 28.9455, 0.3662,
0.1938

■ 26.7785, 0.3745,
0.1889

■ 25.6572, 0.3824,
0.1887

■ 25.4820, 0.3841,
0.1890

Harmonies

Analogous

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



61.8323, 0.2789, 0.2543



61.8323, 0.3273, 0.2731



61.8323, 0.3749, 0.3043

Triad

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



61.8323, 0.3273, 0.2731



61.8323, 0.3839, 0.4092



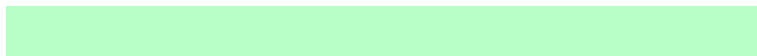
61.8323, 0.2280, 0.3041

Complementary

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



61.8323, 0.3273, 0.2731



85.8221, 0.3009, 0.3923

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.



61.8323, 0.2520, 0.3521



61.8323, 0.3273, 0.2731



61.8323, 0.3413, 0.4173

Square

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



61.8323, 0.3273, 0.2731



61.8323, 0.4083, 0.3803



61.8323, 0.2929, 0.3962



61.8323, 0.2249, 0.2686

Rectangle

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



61.8323, 0.3273, 0.2731



61.8323, 0.3980, 0.3293



61.8323, 0.2929, 0.3962



61.8323, 0.2337, 0.3193

Sweetspot

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



61.8351, 0.3273, 0.2731



87.3938, 0.3163, 0.3134



53.5398, 0.2736, 0.2503



18.2309, 0.3170, 0.3104



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.



61.8351, 0.3273, 0.2731



56.4581, 0.3307, 0.2626



59.9658, 0.3556, 0.3071



18.2309, 0.3170, 0.3104



13.3400, 0.3829, 0.1883



1.3145, 0.3744, 0.1836

Inverse Universe

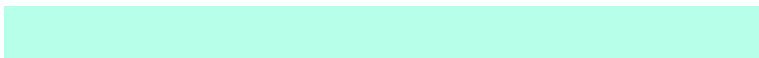
The Inverse Universe completely reimagines the original color for something new.



61.8351, 0.3273, 0.2731



56.4581, 0.3307, 0.2626



87.6219, 0.2827, 0.3522



18.2309, 0.3170, 0.3104



13.3400, 0.3829, 0.1883



1.3145, 0.3744, 0.1836

Previews

White Background



This preview shows how the Yxy color 61.8323, 0.3273, 0.2731 looks on a white background.

Color Contrast Check

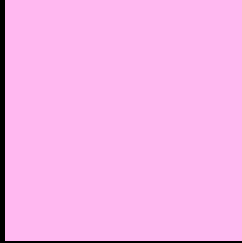
Large Text (above 18pt) WCAG AA × Fail

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 61.8323, 0.3273, 0.2731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

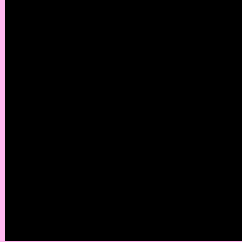
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8323, 0.3273, 0.2731

Background



This preview shows how black text looks on a background with the Yxy color 61.8323, 0.3273, 0.2731.



This preview shows how white text looks on a background with the Yxy color 61.8323, 0.3273, 0.2731.

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

61.8323, 0.3273, 0.2731

Protanopia

62.4205, 0.2739, 0.2748

Deuteranopia

61.8848, 0.2960, 0.2893



Tritanopia

61.5587, 0.3505, 0.3134

Trichromacy



Original Color

61.8323, 0.3273, 0.2731



Protanomaly

61.5238, 0.2916, 0.2731



Deuteranomaly

61.6972, 0.3072, 0.2831



Tritanomaly

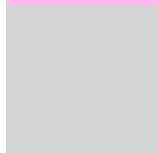
61.7238, 0.3419, 0.2982

Monochromacy



Original Color

61.8323, 0.3273, 0.2731



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

64.0090, 0.3183, 0.3073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8323, 0.3273, 0.2731 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 240) }
```

Border

The CSS property to change the border of an element to Yxy 61.8323, 0.3273, 0.2731 is called "border". The border property can be set on classes, ids or directly on the HTML element.

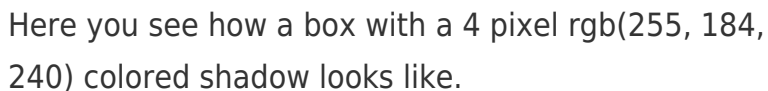
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 184, 240) }
```

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

```
.border{ border-color:rgb(255, 184, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 184, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 184, 240); box-shadow:4px 4px 4px 4px rgb(255, 184, 240) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8323, 0.3273, 0.2731 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, 240) }
```

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

```
.background{ background-color: rgb(255,  
184, 240) }
```

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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