

Converting Colors

$Yxy(66.9056, 0.3347, 0.2678)$

Have a look what the booklet for
Yxy(66.9056, 0.3347, 0.2678)
contains.

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Color

Yxy(62.8601, 0.3196, 0.2649)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9FA
RGB	255, 185, 250
RGB Percent	100%, 73%, 98%
CMY	0.0001, 0.2745, 0.0195
CMYK	0.00, 0.27, 0.02, 0.00
HSL	304°, 100%, 86%
HSV	304°, 27%, 100%
XYZ	75.8403, 62.8601, 98.5971
YIQ	213.3400, 20.8550, 35.0550

Conversions

Conversions Part 2

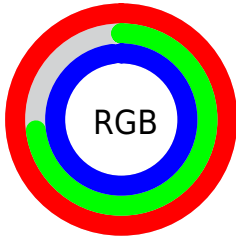
Format	Color
R _Y B	255, 185, 250
Decimal	16759290
CIE Lab	83.37, 35.44, -22.17
CIE LCh	83, 41.805, 327.977
Yxy	62.8601, 0.3196, 0.2649
Android (android.graphics.Color)	4294949370 (0xFFFFB9FA)
YUV	213.3400, 18.0734, 36.5358
Hunter-Lab	79.2844, 31.9984, -18.2333

Details

The Yxy color **62.8601, 0.3196, 0.2649** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.5372, 0.3063, 0.4028**, and the grayscale version is **66.6469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **31.9532, 0.3205, 0.2512** is the 20% darker color. If you saturate the color by 10%, you get **53.0206, 0.3225, 0.2419**, and if you desaturate by 10%, it is **74.6191, 0.3169, 0.2885**.

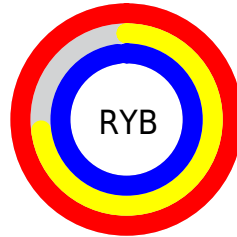
Distribution



Red (100%)

Green (73%)

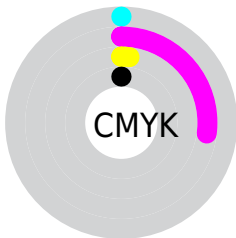
Blue (98%)



Red (100%)

Yellow (73%)

Blue (98%)

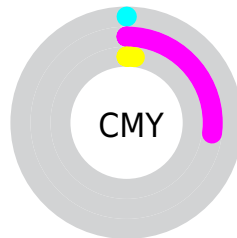


Cyan (0%)

Magenta (27%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8601, 0.3196, 0.2649 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 62.8601, 0.3196, 0.2649 by changing the saturation by 10% instead.


 62.8601, 0.3196,
0.2649

 62.8601, 0.3196,
0.2649


435.0616, 0.3170,
0.2936

 45.7280, 0.3200,
0.2586


 108.9677, 0.3188,
0.2747

 32.0313, 0.3205,
0.2509


138.7119, 0.3185,
0.2785

 21.3854, 0.3210,
0.2413


173.4291, 0.3182,
0.2819

 13.4060, 0.3215,
0.2292

213.5035, 0.3179,
0.2848

 7.7087, 0.3218,
0.2133

259.3195, 0.3177,
0.2874

 3.9091, 0.3216,
0.1915

311.2617, 0.3174,

 1.6229, 0.3200,

0.2897

0.1605

369.7142, 0.3172,
0.2918

0.3729, 0.3208,
0.0935

0.0000, 0.1824,
0.0000

62.8601, 0.3196,
0.2649

62.8601, 0.3196,
0.2649

53.0206, 0.3225,
0.2419

74.6191, 0.3169,
0.2885

44.9901, 0.3255,
0.2204

88.3840, 0.3144,
0.3120

38.6596, 0.3286,
0.2014

99.9955, 0.3127,
0.3290

33.9048, 0.3316,
0.1859

■ 30.5848, 0.3344,
0.1746

■ 28.5335, 0.3370,
0.1677

■ 27.5345, 0.3393,
0.1649

■ 27.3657, 0.3399,
0.1646

Harmonies

Analogous

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



62.8601, 0.2689, 0.2474



62.8601, 0.3196, 0.2649



62.8601, 0.3725, 0.2964

Triad

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



62.8601, 0.3196, 0.2649



62.8601, 0.3950, 0.4113



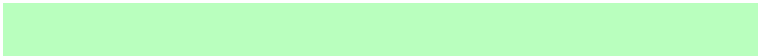
62.8601, 0.2244, 0.3094

Complementary

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



62.8601, 0.3196, 0.2649



85.5372, 0.3063, 0.4028

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.



62.8601, 0.2532, 0.3624



62.8601, 0.3196, 0.2649



62.8601, 0.3512, 0.4253

Square

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



62.8601, 0.3196, 0.2649



62.8601, 0.4174, 0.3775



62.8601, 0.2991, 0.4078



62.8601, 0.2176, 0.2685

Rectangle

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



62.8601, 0.3196, 0.2649



62.8601, 0.4000, 0.3224



62.8601, 0.2991, 0.4078



62.8601, 0.2316, 0.3264

Sweetspot

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



62.8629, 0.3196, 0.2649



87.5752, 0.3145, 0.3107



52.8279, 0.2678, 0.2502



18.2769, 0.3149, 0.3072



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.



62.8629, 0.3196, 0.2649



57.1714, 0.3212, 0.2520



60.8826, 0.3470, 0.2980



18.2769, 0.3149, 0.3072



14.3116, 0.3396, 0.1644



1.3999, 0.3372, 0.1631

Inverse Universe

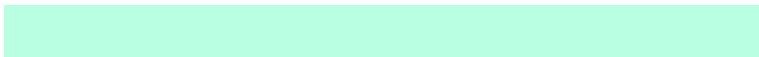
The Inverse Universe completely reimagines the original color for something new.



62.8629, 0.3196, 0.2649



57.1714, 0.3212, 0.2520



87.2386, 0.2879, 0.3624



18.2769, 0.3149, 0.3072



14.3116, 0.3396, 0.1644



1.3999, 0.3372, 0.1631

Previews

White Background



This preview shows how the Yxy color 62.8601, 0.3196, 0.2649 looks on a white background.

Color Contrast Check

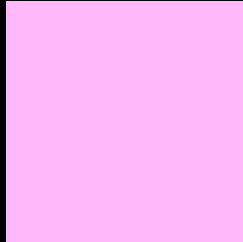
Large Text (above 18pt) WCAG AA × Fail

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 62.8601, 0.3196, 0.2649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

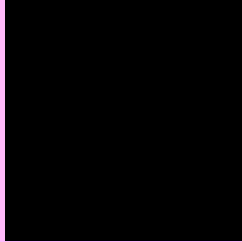
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.8601, 0.3196, 0.2649

Background



This preview shows how black text looks on a background with the Yxy color 62.8601, 0.3196, 0.2649.

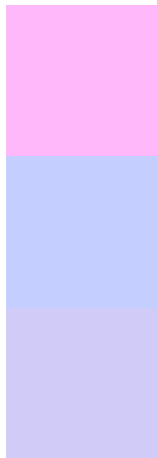


This preview shows how white text looks on a background with the Yxy color 62.8601, 0.3196, 0.2649.

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

62.8601, 0.3196, 0.2649

Protanopia

63.0984, 0.2741, 0.2750

Deuteranopia

62.9826, 0.2874, 0.2809



Tritanopia

62.8337, 0.3468, 0.3134

Trichromacy



Original Color

62.8601, 0.3196, 0.2649



Protanomaly

62.2317, 0.2890, 0.2703



Deuteranomaly

62.4259, 0.2988, 0.2741



Tritanomaly

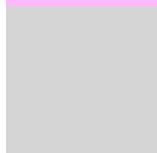
62.6639, 0.3368, 0.2951

Monochromacy



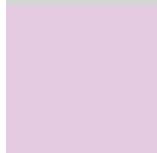
Original Color

62.8601, 0.3196, 0.2649



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

64.6968, 0.3154, 0.3042

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8601, 0.3196, 0.2649 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, 185, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 250)  
}
```

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, 185, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 250) }
```

Border

The CSS property to change the border of an element to Yxy 62.8601, 0.3196, 0.2649 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, 185, 250) }
```

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

```
.border{ border-color:rgb(255, 185, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8601, 0.3196, 0.2649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 250) }
```

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

```
.background{ background-color: rgb(255,  
185, 250) }
```

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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