

Converting Colors

$Y_{xy}(62.7313, 0.3328, 0.2599)$

Have a look what the booklet for
Yxy(62.7313, 0.3328, 0.2599)
contains.

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Color

Yxy(59.6064, 0.3201, 0.2571)

Conversions

Conversions Part 1

Format	Color
Hex	FFB1FA
RGB	255, 177, 250
RGB Percent	100%, 69%, 98%
CMY	0.0000, 0.3058, 0.0197
CMYK	0.00, 0.31, 0.02, 0.00
HSL	304°, 100%, 85%
HSV	304°, 31%, 100%
XYZ	74.2124, 59.6064, 98.0225
YIQ	208.6440, 23.0550, 39.2390

Conversions

Conversions Part 2

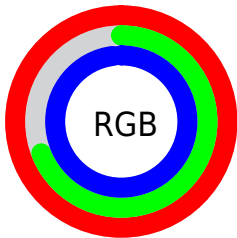
Format	Color
R _Y B	255, 177, 250
Decimal	16757242
CIE Lab	81.62, 39.62, -24.80
CIE LCh	82, 46.744, 327.958
Yxy	59.6064, 0.3201, 0.2571
Android (android.graphics.Color)	4294947322 (0xFFFFB1FA)
YUV	208.6440, 20.3885, 40.6542
Hunter-Lab	77.2052, 36.4716, -21.2331

Details

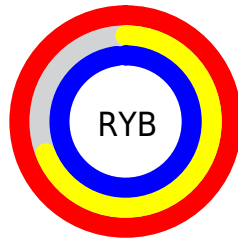
The Yxy color **59.6064, 0.3201, 0.2571** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **84.2410, 0.3058, 0.4133**, and the grayscale version is **63.3717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **29.8865, 0.3211, 0.2415** is the 20% darker color. If you saturate the color by 10%, you get **50.3563, 0.3229, 0.2343**, and if you desaturate by 10%, it is **70.7446, 0.3175, 0.2808**.

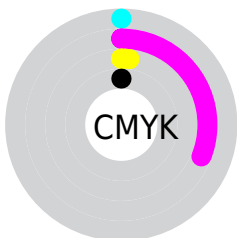
Distribution



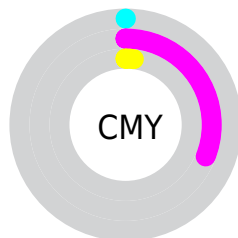
- Red (100%)
- Green (69%)
- Blue (98%)



- Red (100%)
- Yellow (69%)
- Blue (98%)



- Cyan (0%)
- Magenta (31%)
- Yellow (2%)
- Black (0%)




- Cyan (0%)
- Magenta (31%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6064, 0.3201, 0.2571 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 59.6064, 0.3201, 0.2571 by changing the saturation by 10% instead.

 59.6064, 0.3201,
0.2571

 59.6064, 0.3201,
0.2571


423.1455, 0.3175,
0.2893

 43.1015, 0.3205,
0.2500


 104.2585, 0.3193,
0.2681

 29.9647, 0.3210,
0.2414


133.1744, 0.3190,
0.2724

 19.8118, 0.3214,
0.2307


166.9962, 0.3187,
0.2762

 12.2583, 0.3217,
0.2171

206.1081, 0.3184,
0.2795

 6.9199, 0.3217,
0.1993

250.8946, 0.3181,
0.2824

 3.4120, 0.3209,
0.1752


301.7400, 0.3179,


 1.3504, 0.3179,

0.2849

0.1413


359.0289, 0.3177,
0.2873

 0.1798, 0.3225,
0.0494

 0.0000, 0.1060,
0.0000


 59.6064, 0.3201,
0.2571


 59.6064, 0.3201,
0.2571

 50.3563, 0.3229,
0.2343


 70.7446, 0.3175,
0.2808

 42.8814, 0.3257,
0.2134

 83.8598, 0.3150,
0.3045

 37.0690, 0.3286,
0.1954

99.0450, 0.3128,
0.3277

 32.7902, 0.3313,
0.1811

99.9982, 0.3127,
0.3290

■ 29.8972, 0.3338,
0.1710

■ 28.2132, 0.3361,
0.1655

■ 27.4678, 0.3381,
0.1636

Harmonies

Analogous

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



59.6064, 0.2629, 0.2376



59.6064, 0.3201, 0.2571



59.6064, 0.3806, 0.2920

Triad

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



59.6064, 0.3201, 0.2571



59.6064, 0.4054, 0.4215



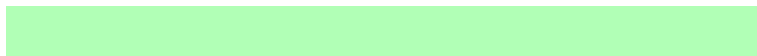
59.6064, 0.2133, 0.3059

Complementary

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



59.6064, 0.3201, 0.2571



84.2410, 0.3058, 0.4133

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.



59.6064, 0.2451, 0.3670



59.6064, 0.3201, 0.2571



59.6064, 0.3554, 0.4391

Square

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



59.6064, 0.3201, 0.2571



59.6064, 0.4315, 0.3824



59.6064, 0.2967, 0.4199



59.6064, 0.2060, 0.2601

Rectangle

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



59.6064, 0.3201, 0.2571



59.6064, 0.4122, 0.3208



59.6064, 0.2967, 0.4199



59.6064, 0.2212, 0.3254

Sweetspot

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



59.6090, 0.3201, 0.2571



86.1268, 0.3147, 0.3082



48.4822, 0.2608, 0.2395



17.9889, 0.3150, 0.3048



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.



59.6090, 0.3201, 0.2571



53.4635, 0.3219, 0.2423



57.4666, 0.3511, 0.2930



18.2791, 0.3148, 0.3071



14.3623, 0.3377, 0.1634



1.4043, 0.3356, 0.1623

Inverse Universe

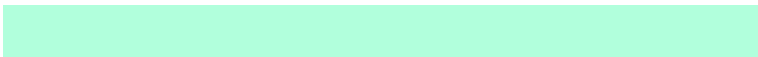
The Inverse Universe completely reimagines the original color for something new.



59.6090, 0.3201, 0.2571



53.4635, 0.3219, 0.2423



86.0249, 0.2860, 0.3683



18.2791, 0.3148, 0.3071



14.3623, 0.3377, 0.1634



1.4043, 0.3356, 0.1623

Previews

White Background



This preview shows how the Yxy color 59.6064, 0.3201, 0.2571 looks on a white background.

Color Contrast Check

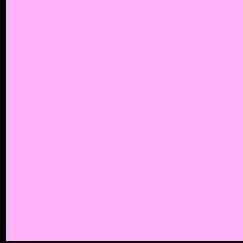
Large Text (above 18pt) WCAG AA × Fail

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 59.6064, 0.3201, 0.2571 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 59.6064, 0.3201, 0.2571

Background



This preview shows how black text looks on a background with the Yxy color 59.6064, 0.3201, 0.2571.

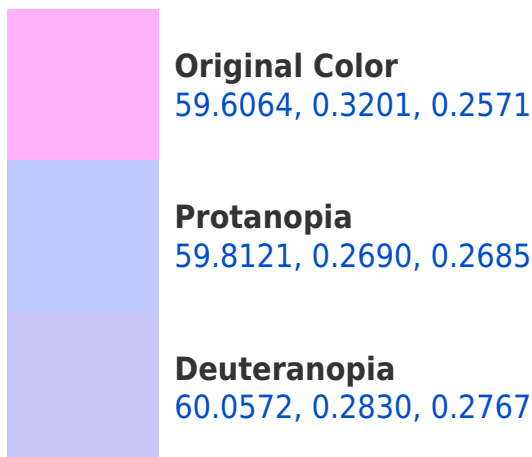


This preview shows how white text looks on a background with the Yxy color 59.6064, 0.3201, 0.2571.

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

59.2913, 0.3530, 0.3132

Trichromacy



Original Color

59.6064, 0.3201, 0.2571



Protanomaly

58.9373, 0.2859, 0.2632



Deuteranomaly

59.3492, 0.2957, 0.2690



Tritanomaly

59.4907, 0.3410, 0.2919

Monochromacy



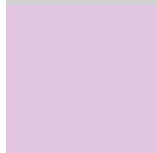
Original Color

59.6064, 0.3201, 0.2571



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

61.4831, 0.3157, 0.2996

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6064, 0.3201, 0.2571 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, 177, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 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, 177, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 250) }
```

Border

The CSS property to change the border of an element to Yxy 59.6064, 0.3201, 0.2571 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, 177, 250) }
```

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

```
.border{ border-color:rgb(255, 177, 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, 177, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6064, 0.3201, 0.2571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 250) }
```

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

```
.background{ background-color: rgb(255,  
177, 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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