

Converting Colors

$Y_{xy}(79.3226, 0.3782, 0.2721)$

Have a look what the booklet for
Yxy(79.3226, 0.3782, 0.2721)
contains.

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Color

Yxy(61.3360, 0.3184, 0.2592)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5FC
RGB	255, 181, 252
RGB Percent	100%, 71%, 99%
CMY	0.0000, 0.2902, 0.0118
CMYK	0.00, 0.29, 0.01, 0.00
HSL	302°, 100%, 85%
HSV	302°, 29%, 100%
XYZ	75.3448, 61.3360, 99.9550
YIQ	211.2200, 21.3130, 37.7690

Conversions

Conversions Part 2

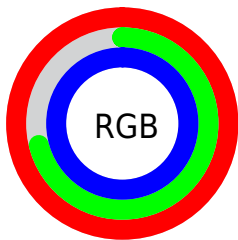
Format	Color
R _Y B	255, 181, 252
Decimal	16758268
CIE _{Lab}	82.56, 37.92, -24.45
CIE _{LCh}	83, 45.119, 327.191
Y _{xy}	61.3360, 0.3184, 0.2592
Android (android.graphics.Color)	4294948348 (0xFFFFB5FC)
Y _{UV}	211.2200, 20.1045, 38.3951
Hunter-Lab	78.3173, 34.6699, -20.8486

Details

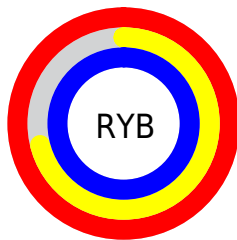
The Yxy color $61.3360, 0.3184, 0.2592$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $84.8028, 0.3071, 0.4104$, and the grayscale version is $65.1417, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $30.9892, 0.3188, 0.2441$ is the 20% darker color. If you saturate the color by 10%, you get $51.8274, 0.3205, 0.2358$, and if you desaturate by 10%, it is $72.7313, 0.3163, 0.2834$.

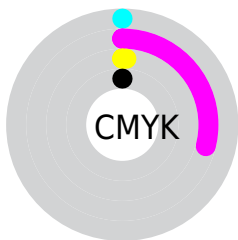
Distribution



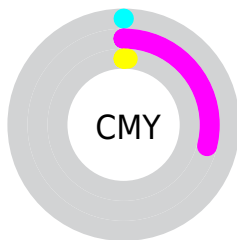
- Red (100%)
- Green (71%)
- Blue (99%)



- Red (100%)
- Yellow (71%)
- Blue (99%)



- Cyan (0%)
- Magenta (29%)
- Yellow (1%)
- Black (0%)




- Cyan (0%)
- Magenta (29%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3360, 0.3184, 0.2592 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 61.3360, 0.3184, 0.2592 by changing the saturation by 10% instead.


 61.3360, 0.3184,
0.2592

 61.3360, 0.3184,
0.2592

429.5049, 0.3165,
0.2904

 44.4964, 0.3187,
0.2523


 106.7653, 0.3179,
0.2698

 31.0609, 0.3189,
0.2440

136.1238, 0.3176,
0.2740

 20.6453, 0.3191,
0.2337


170.4240, 0.3174,
0.2776

 12.8649, 0.3191,
0.2206

210.0503, 0.3172,
0.2808

 7.3356, 0.3187,
0.2035

255.3872, 0.3170,
0.2837

 3.6729, 0.3174,
0.1803


306.8190, 0.3168,


 1.4923, 0.3139,


0.2862


0.1476

364.7301, 0.3167,
0.2884


 0.2833, 0.3134,
0.0712


 0.0000, 0.1495,
0.0000


 61.3360, 0.3184,
0.2592


 61.3360, 0.3184,
0.2592

 51.8274, 0.3205,
0.2358


 72.7313, 0.3163,
0.2834

 44.1189, 0.3227,
0.2142

 86.1261, 0.3143,
0.3077

 38.0912, 0.3248,
0.1954

100.0000, 0.3127,
0.3290

 33.6178, 0.3268,
0.1802

■ 30.5544, 0.3286,
0.1693

■ 28.7297, 0.3301,
0.1628

■ 27.8903, 0.3314,
0.1602

■ 27.8302, 0.3316,
0.1600

Harmonies

Analogous

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



61.3360, 0.2639, 0.2408



61.3360, 0.3184, 0.2592



61.3360, 0.3763, 0.2926

Triad

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



61.3360, 0.3184, 0.2592



61.3360, 0.4027, 0.4171



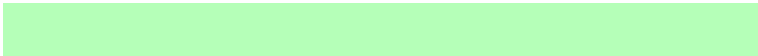
61.3360, 0.2178, 0.3086

Complementary

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



61.3360, 0.3184, 0.2592



84.8028, 0.3071, 0.4104

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.



61.3360, 0.2491, 0.3669



61.3360, 0.3184, 0.2592



61.3360, 0.3553, 0.4340

Square

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



61.3360, 0.3184, 0.2592



61.3360, 0.4267, 0.3796



61.3360, 0.2990, 0.4165



61.3360, 0.2100, 0.2640

Rectangle

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



61.3360, 0.3184, 0.2592



61.3360, 0.4068, 0.3203



61.3360, 0.2990, 0.4165



61.3360, 0.2257, 0.3273

Sweetspot

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



61.3304, 0.3184, 0.2592



86.1614, 0.3143, 0.3077



50.3858, 0.2631, 0.2445



17.9975, 0.3146, 0.3042



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.



61.3304, 0.3184, 0.2592



55.4301, 0.3196, 0.2451



59.2361, 0.3475, 0.2937



18.2869, 0.3144, 0.3065



14.5475, 0.3314, 0.1599



1.4203, 0.3301, 0.1592

Inverse Universe

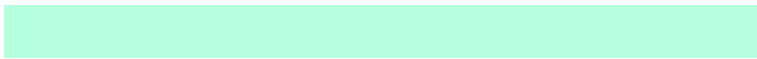
The Inverse Universe completely reimagines the original color for something new.



61.3304, 0.3184, 0.2592



55.4301, 0.3196, 0.2451



86.5340, 0.2879, 0.3675



18.2869, 0.3144, 0.3065



14.5475, 0.3314, 0.1599



1.4203, 0.3301, 0.1592

Previews

White Background



This preview shows how the Yxy color 61.3360, 0.3184, 0.2592 looks on a white background.

Color Contrast Check

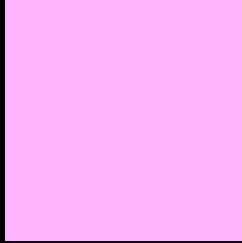
Large Text (above 18pt) WCAG AA × Fail

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 61.3360, 0.3184, 0.2592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

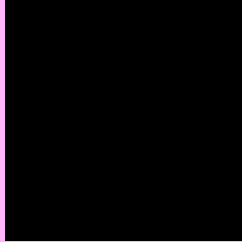
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3360, 0.3184, 0.2592

Background



This preview shows how black text looks on a background with the Yxy color 61.3360, 0.3184, 0.2592.



This preview shows how white text looks on a background with the Yxy color 61.3360, 0.3184, 0.2592.

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

61.3360, 0.3184, 0.2592

Protanopia

61.7432, 0.2719, 0.2724

Deuteranopia

61.5297, 0.2839, 0.2773



Tritanopia

61.3744, 0.3497, 0.3133

Trichromacy



Original Color

61.3360, 0.3184, 0.2592



Protanomaly

61.2345, 0.2876, 0.2671



Deuteranomaly

61.1111, 0.2959, 0.2706



Tritanomaly

61.3238, 0.3380, 0.2930

Monochromacy



Original Color

61.3360, 0.3184, 0.2592



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.1304, 0.3148, 0.3008

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3360, 0.3184, 0.2592 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, 181, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 252)  
}
```

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, 181, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 252) }
```

Border

The CSS property to change the border of an element to Yxy 61.3360, 0.3184, 0.2592 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, 181, 252) }
```

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

```
.border{ border-color:rgb(255, 181, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3360, 0.3184, 0.2592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 252) }
```

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

```
.background{ background-color: rgb(255,  
181, 252) }
```

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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