

Converting Colors

$Y_{xy}(66.7773, 0.3363, 0.2625)$

Have a look what the booklet for
Yxy(66.7773, 0.3363, 0.2625)
contains.

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Color

Yxy(61.8717, 0.3168, 0.2584)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6FE
RGB	255, 182, 254
RGB Percent	100%, 71%, 100%
CMY	0.0000, 0.2862, 0.0039
CMYK	0.00, 0.29, 0.00, 0.00
HSL	301°, 100%, 86%
HSV	301°, 29%, 100%
XYZ	75.8551, 61.8717, 101.7148
YIQ	212.0350, 20.3960, 37.8680

Conversions

Conversions Part 2

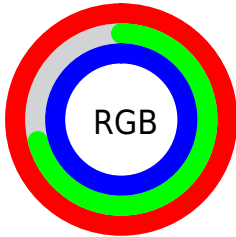
Format	Color
R _Y B	255, 182, 254
Decimal	16758526
CIE _{Lab}	82.85, 37.73, -25.09
CIE _{LCh}	83, 45.310, 326.379
Y _{xy}	61.8717, 0.3168, 0.2584
Android (android.graphics.Color)	4294948606 (0xFFFFB6FE)
YUV	212.0350, 20.6887, 37.6803
Hunter-Lab	78.6586, 34.4856, -21.6079

Details

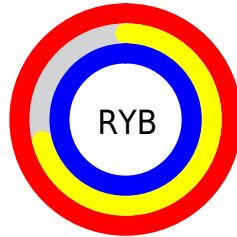
The Yxy color **61.8717, 0.3168, 0.2584** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **84.8791, 0.3083, 0.4114**, and the grayscale version is **65.7144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **31.3399, 0.3167, 0.2432** is the 20% darker color. If you saturate the color by 10%, you get **52.3412, 0.3183, 0.2345**, and if you desaturate by 10%, it is **73.3092, 0.3153, 0.2832**.

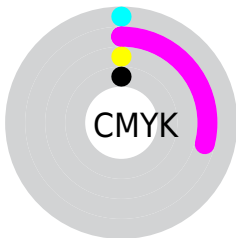
Distribution



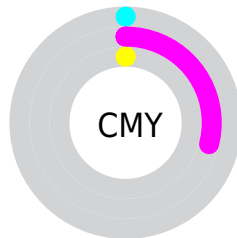
- Red (100%)
- Green (71%)
- Blue (100%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8717, 0.3168, 0.2584 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 61.8717, 0.3168, 0.2584 by changing the saturation by 10% instead.


 61.8717, 0.3168,
0.2584

 61.8717, 0.3168,
0.2584

431.4629, 0.3157,
0.2899

 44.9290, 0.3169,
0.2515

 107.5401, 0.3166,
0.2691

 31.4015, 0.3169,
0.2431

137.0346, 0.3164,
0.2733

 20.9048, 0.3168,
0.2327

171.4818, 0.3163,
0.2770

 13.0544, 0.3164,
0.2196


211.2662, 0.3161,
0.2802

 7.4660, 0.3155,
0.2025

256.7721, 0.3160,
0.2831

 3.7552, 0.3136,
0.1793

308.3839, 0.3159,

 1.5376, 0.3090,

0.2856

0.1468

366.4861, 0.3158,
0.2879

0.3150, 0.3053,
0.0751

0.0000, 0.1587,
0.0000

61.8717, 0.3168,
0.2584

61.8717, 0.3168,
0.2584

52.3412, 0.3183,
0.2345

73.3092, 0.3153,
0.2832

44.6062, 0.3197,
0.2124

86.7410, 0.3139,
0.3081

38.5564, 0.3210,
0.1932

99.9983, 0.3127,
0.3290

34.0659, 0.3221,
0.1776

■ 30.9912, 0.3231,
0.1663

■ 29.1624, 0.3238,
0.1594

■ 28.3374, 0.3243,
0.1563

■ 28.2581, 0.3244,
0.1561

Harmonies

Analogous

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



61.8717, 0.2625, 0.2405



61.8717, 0.3168, 0.2584



61.8717, 0.3749, 0.2915

Triad

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



61.8717, 0.3168, 0.2584



61.8717, 0.4038, 0.4164



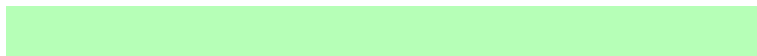
61.8717, 0.2182, 0.3100

Complementary

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



61.8717, 0.3168, 0.2584



84.8791, 0.3083, 0.4114

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.



61.8717, 0.2501, 0.3685



61.8717, 0.3168, 0.2584



61.8717, 0.3569, 0.4341

Square

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



61.8717, 0.3168, 0.2584



61.8717, 0.4271, 0.3784



61.8717, 0.3005, 0.4175



61.8717, 0.2098, 0.2648

Rectangle

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



61.8717, 0.3168, 0.2584



61.8717, 0.4059, 0.3191



61.8717, 0.3005, 0.4175



61.8717, 0.2263, 0.3289

Sweetspot

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



61.8744, 0.3168, 0.2584



86.2015, 0.3139, 0.3071



50.6257, 0.2622, 0.2455



18.0075, 0.3142, 0.3036



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.



61.8744, 0.3168, 0.2584



56.5211, 0.3176, 0.2454



59.8065, 0.3448, 0.2918



18.2959, 0.3140, 0.3059



14.7686, 0.3243, 0.1560



1.4393, 0.3239, 0.1558

Inverse Universe

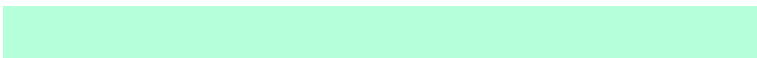
The Inverse Universe completely reimagines the original color for something new.



61.8744, 0.3168, 0.2584



56.5211, 0.3176, 0.2454



86.5487, 0.2895, 0.3697



18.2959, 0.3140, 0.3059



14.7686, 0.3243, 0.1560



1.4393, 0.3239, 0.1558

Previews

White Background



This preview shows how the Yxy color 61.8717, 0.3168, 0.2584 looks on a white background.

Color Contrast Check

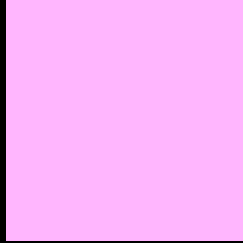
Large Text (above 18pt) WCAG AA × Fail

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 61.8717, 0.3168, 0.2584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

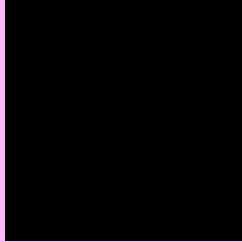
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8717, 0.3168, 0.2584

Background



This preview shows how black text looks on a background with the Yxy color 61.8717, 0.3168, 0.2584.



This preview shows how white text looks on a background with the Yxy color 61.8717, 0.3168, 0.2584.

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

61.8717, 0.3168, 0.2584

Protanopia

62.3520, 0.2727, 0.2737

Deuteranopia

62.1223, 0.2828, 0.2764



Tritanopia

61.6743, 0.3479, 0.3133

Trichromacy



Original Color

61.8717, 0.3168, 0.2584



Protanomaly

61.7514, 0.2870, 0.2672



Deuteranomaly

61.6832, 0.2946, 0.2698



Tritanomaly

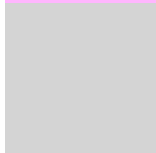
61.8034, 0.3371, 0.2931

Monochromacy



Original Color

61.8717, 0.3168, 0.2584



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

63.8133, 0.3148, 0.3010

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8717, 0.3168, 0.2584 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 254) }
```

Border

The CSS property to change the border of an element to Yxy 61.8717, 0.3168, 0.2584 is called "border". The border property can be set on classes, ids or directly on the HTML element.

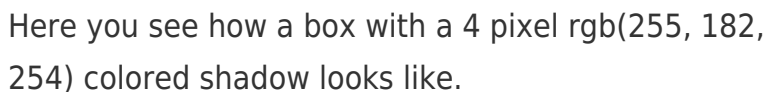
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 182, 254) }
```

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

```
.border{ border-color:rgb(255, 182, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8717, 0.3168, 0.2584 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, 254) }
```

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

```
.background{ background-color: rgb(255,  
182, 254) }
```

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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