

Converting Colors

Yxy(61.4368, 0.3174, 0.2582)

Have a look what the booklet for
Yxy(61.4368, 0.3174, 0.2582)
contains.

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Color

Yxy(61.3996, 0.3176, 0.2583)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5FD
RGB	255, 181, 253
RGB Percent	100%, 71%, 99%
CMY	0.0000, 0.2902, 0.0078
CMYK	0.00, 0.29, 0.01, 0.00
HSL	302°, 100%, 85%
HSV	302°, 29%, 100%
XYZ	75.4956, 61.3996, 100.8113
YIQ	211.3340, 20.9920, 38.0800

Conversions

Conversions Part 2

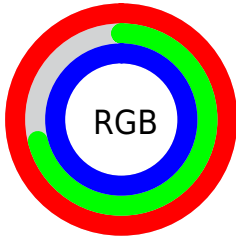
Format	Color
R _Y B	255, 181, 253
Decimal	16758269
CIE Lab	82.59, 38.08, -24.94
CIE LCh	83, 45.524, 326.777
Yxy	61.3996, 0.3176, 0.2583
Android (android.graphics.Color)	4294948349 (0xFFFFB5FD)
YUV	211.3340, 20.5413, 38.2951
Hunter-Lab	78.3579, 34.8533, -21.4290

Details

The Yxy color **61.3996, 0.3176, 0.2583** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **84.7626, 0.3077, 0.4116**, and the grayscale version is **65.2262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **31.0346, 0.3178, 0.2430** is the 20% darker color. If you saturate the color by 10%, you get **51.9196, 0.3194, 0.2347**, and if you desaturate by 10%, it is **72.7816, 0.3158, 0.2828**.

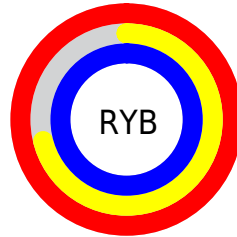
Distribution



Red (100%)

Green (71%)

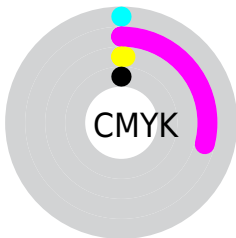
Blue (99%)



Red (100%)

Yellow (71%)

Blue (99%)

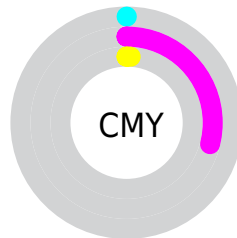


Cyan (0%)

Magenta (29%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (29%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3996, 0.3176, 0.2583 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 61.3996, 0.3176, 0.2583 by changing the saturation by 10% instead.


 61.3996, 0.3176,
0.2583

 61.3996, 0.3176,
0.2583

429.7376, 0.3161,
0.2899

 44.5477, 0.3178,
0.2514


 106.8573, 0.3172,
0.2690

 31.1013, 0.3179,
0.2430


136.2320, 0.3170,
0.2733

 20.6760, 0.3179,
0.2325


170.5496, 0.3169,
0.2770

 12.8874, 0.3177,
0.2193

210.1948, 0.3167,
0.2802

 7.3511, 0.3170,
0.2021

255.5518, 0.3165,
0.2830

 3.6826, 0.3154,
0.1788

307.0050, 0.3164,

 1.4976, 0.3112,

0.2856

0.1460

364.9388, 0.3162,
0.2878

0.2871, 0.3092,
0.0706

0.0000, 0.1501,
0.0000

61.3996, 0.3176,
0.2583

61.3996, 0.3176,
0.2583

51.9196, 0.3194,
0.2347

72.7816, 0.3158,
0.2828

44.2318, 0.3212,
0.2129

86.1552, 0.3141,
0.3074

38.2247, 0.3229,
0.1939

100.0000, 0.3127,
0.3290

33.7718, 0.3244,
0.1786

■ 30.7288, 0.3258,
0.1676

■ 28.9244, 0.3269,
0.1610

■ 28.1055, 0.3278,
0.1582

■ 28.0469, 0.3279,
0.1580

Harmonies

Analogous

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



61.3996, 0.2628, 0.2400



61.3996, 0.3176, 0.2583



61.3996, 0.3761, 0.2917

Triad

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



61.3996, 0.3176, 0.2583



61.3996, 0.4039, 0.4174



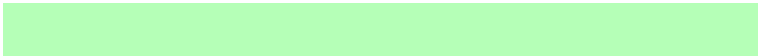
61.3996, 0.2173, 0.3091

Complementary

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



61.3996, 0.3176, 0.2583



84.7626, 0.3077, 0.4116

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.



61.3996, 0.2491, 0.3680



61.3996, 0.3176, 0.2583



61.3996, 0.3564, 0.4350

Square

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



61.3996, 0.3176, 0.2583



61.3996, 0.4278, 0.3793



61.3996, 0.2996, 0.4178



61.3996, 0.2092, 0.2639

Rectangle

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



61.3996, 0.3176, 0.2583



61.3996, 0.4071, 0.3196



61.3996, 0.2996, 0.4178



61.3996, 0.2254, 0.3280

Sweetspot

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



61.4017, 0.3176, 0.2583



86.1818, 0.3141, 0.3074



50.2428, 0.2622, 0.2443



18.0026, 0.3144, 0.3039



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.



61.4017, 0.3176, 0.2583



55.5083, 0.3187, 0.2440



59.3066, 0.3464, 0.2924



18.2915, 0.3142, 0.3062



14.6589, 0.3277, 0.1579



1.4299, 0.3269, 0.1575

Inverse Universe

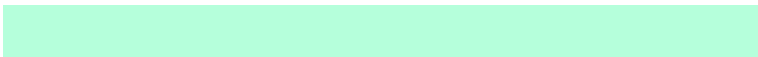
The Inverse Universe completely reimagines the original color for something new.



61.4017, 0.3176, 0.2583



55.5083, 0.3187, 0.2440



86.4710, 0.2885, 0.3689



18.2915, 0.3142, 0.3062



14.6589, 0.3277, 0.1579



1.4299, 0.3269, 0.1575

Previews

White Background



This preview shows how the Yxy color 61.3996, 0.3176, 0.2583 looks on a white background.

Color Contrast Check

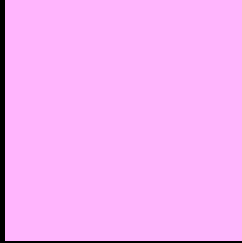
Large Text (above 18pt) WCAG AA × Fail

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 61.3996, 0.3176, 0.2583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

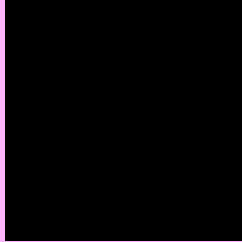
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3996, 0.3176, 0.2583

Background



This preview shows how black text looks on a background with the Yxy color 61.3996, 0.3176, 0.2583.



This preview shows how white text looks on a background with the Yxy color 61.3996, 0.3176, 0.2583.

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

61.3996, 0.3176, 0.2583

Protanopia

61.7432, 0.2719, 0.2724

Deuteranopia

61.4502, 0.2826, 0.2762



Tritanopia

61.3744, 0.3497, 0.3133

Trichromacy



Original Color

61.3996, 0.3176, 0.2583



Protanomaly

61.2345, 0.2876, 0.2671



Deuteranomaly

61.1737, 0.2952, 0.2696



Tritanomaly

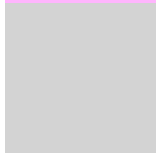
61.3238, 0.3380, 0.2930

Monochromacy



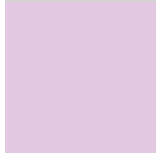
Original Color

61.3996, 0.3176, 0.2583



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 61.3996, 0.3176, 0.2583 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 253) }
```

Border

The CSS property to change the border of an element to Yxy 61.3996, 0.3176, 0.2583 is called "border". The border property can be set on classes, ids or directly on the HTML element.

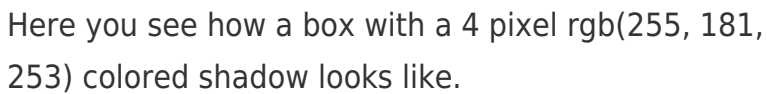
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 181, 253) }
```

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

```
.border{ border-color:rgb(255, 181, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3996, 0.3176, 0.2583 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, 253) }
```

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

```
.background{ background-color: rgb(255,  
181, 253) }
```

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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