

Converting Colors

$Y_{xy}(60.1168, 0.3073, 0.2562)$

Have a look what the booklet for
Yxy(60.1168, 0.3073, 0.2562)
contains.

Yxy(60.3201, 0.3076, 0.2566)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.3201, 0.3076, 0.2566)

Conversions

Conversions Part 1

Format	Color
Hex	F4B7FF
RGB	244, 183, 255
RGB Percent	96%, 72%, 100%
CMY	0.0429, 0.2824, 0.0000
CMYK	0.04, 0.28, 0.00, 0.00
HSL	291°, 100%, 86%
HSV	291°, 28%, 100%
XYZ	72.3089, 60.3201, 102.4454
YIQ	209.4470, 13.2440, 35.3240

Conversions

Conversions Part 2

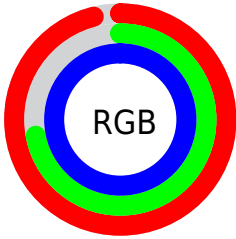
Format	Color
R _Y B	244, 183, 255
Decimal	16037887
CIE _{Lab}	82.01, 33.98, -26.99
CIE _{LCh}	82, 43.395, 321.537
Yxy	60.3201, 0.3076, 0.2566
Android (android.graphics.Color)	4294227967 (0xFFFF4B7FF)
YUV	209.4470, 22.4576, 30.3030
Hunter-Lab	77.6660, 30.2722, -23.8403

Details

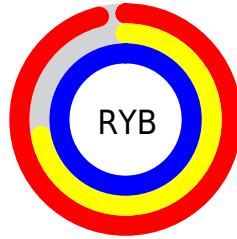
The Yxy color **60.3201, 0.3076, 0.2566** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.3956, 0.3155, 0.4097**, and the grayscale version is **63.9148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **30.3425, 0.3055, 0.2406** is the 20% darker color. If you saturate the color by 10%, you get **50.0548, 0.3050, 0.2306**, and if you desaturate by 10%, it is **72.5095, 0.3098, 0.2829**.

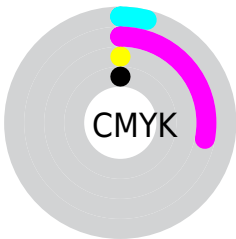
Distribution



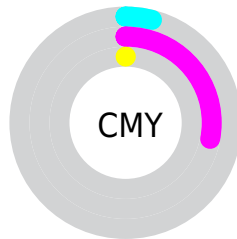
- Red (96%)
- Green (72%)
- Blue (100%)



- Red (96%)
- Yellow (72%)
- Blue (100%)



- Cyan (4%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3201, 0.3076, 0.2566 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 60.3201, 0.3076, 0.2566 by changing the saturation by 10% instead.


 60.3201, 0.3076,
0.2566

 60.3201, 0.3076,
0.2566


425.7766, 0.3108,
0.2891

 43.6767, 0.3067,
0.2495

 105.2939, 0.3089,
0.2677

 30.4164, 0.3055,
0.2408


134.3930, 0.3093,
0.2720

 20.1549, 0.3038,
0.2300


168.4129, 0.3097,
0.2758

 12.5077, 0.3013,
0.2163

207.7379, 0.3100,
0.2791

 7.0904, 0.2976,
0.1985

252.7523, 0.3102,
0.2820

 3.5187, 0.2916,
0.1743

303.8407, 0.3104,

 1.4082, 0.2807,


0.2847


0.1404


361.3873, 0.3106,
0.2870


 0.2227, 0.2682,
0.0565


 0.0000, 0.0000,
0.0000


 60.3201, 0.3076,
0.2566


 60.3201, 0.3076,
0.2566

 50.0548, 0.3050,
0.2306

 72.5095, 0.3098,
0.2829

 41.6043, 0.3019,
0.2059

 86.7121, 0.3116,
0.3086

 34.8579, 0.2985,
0.1836

100.0000, 0.3127,
0.3290

 29.6902, 0.2947,
0.1646

■ 25.9584, 0.2908,
0.1498

■ 23.4938, 0.2868,
0.1395

■ 22.0634, 0.2828,
0.1336

■ 21.8623, 0.2821,
0.1327

Harmonies

Analogous

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



60.3201, 0.2570, 0.2420



60.3201, 0.3076, 0.2566



60.3201, 0.3643, 0.2867

Triad

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



60.3201, 0.3076, 0.2566



60.3201, 0.4064, 0.4088



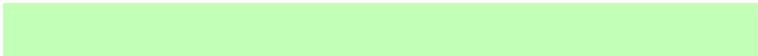
60.3201, 0.2247, 0.3195

Complementary

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



60.3201, 0.3076, 0.2566



86.3956, 0.3155, 0.4097

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.



60.3201, 0.2592, 0.3761



60.3201, 0.3076, 0.2566



60.3201, 0.3640, 0.4297

Square

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



60.3201, 0.3076, 0.2566



60.3201, 0.4239, 0.3704



60.3201, 0.3099, 0.4193



60.3201, 0.2127, 0.2728

Rectangle

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



60.3201, 0.3076, 0.2566



60.3201, 0.3964, 0.3128



60.3201, 0.3099, 0.4193



60.3201, 0.2338, 0.3382

Sweetspot

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



60.3222, 0.3076, 0.2566



87.0852, 0.3116, 0.3092



56.3060, 0.2645, 0.2608



18.1525, 0.3114, 0.3054



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.



60.3222, 0.3076, 0.2566



54.1845, 0.3062, 0.2416



60.8865, 0.3345, 0.2806



18.1525, 0.3114, 0.3054



11.4763, 0.2827, 0.1331



1.1536, 0.2873, 0.1356

Inverse Universe

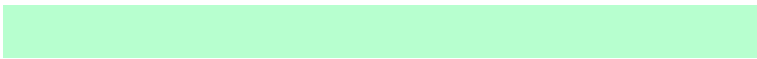
The Inverse Universe completely reimagines the original color for something new.



59.0085, 0.3656, 0.3178



52.7314, 0.3809, 0.3154



86.0887, 0.2961, 0.3830



18.0320, 0.3270, 0.3254



11.1977, 0.6194, 0.3186



1.1028, 0.5924, 0.3037

Previews

White Background



This preview shows how the Yxy color 60.3201, 0.3076, 0.2566 looks on a white background.

Color Contrast Check

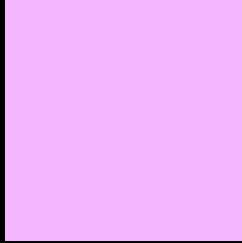
Large Text (above 18pt) WCAG AA × Fail

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 60.3201, 0.3076, 0.2566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

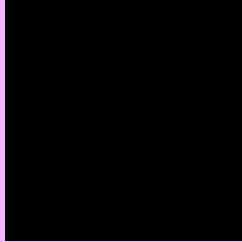
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3201, 0.3076, 0.2566

Background



This preview shows how black text looks on a background with the Yxy color 60.3201, 0.3076, 0.2566.



This preview shows how white text looks on a background with the Yxy color 60.3201, 0.3076, 0.2566.

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

60.3201, 0.3076, 0.2566

Protanopia

60.5374, 0.2704, 0.2699

Deuteranopia

60.6162, 0.2780, 0.2716



Tritanopia

60.2088, 0.3379, 0.3128

Trichromacy



Original Color

60.3201, 0.3076, 0.2566



Protanomaly

59.9519, 0.2827, 0.2642



Deuteranomaly

60.2744, 0.2882, 0.2658



Tritanomaly

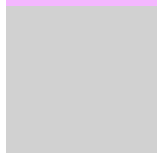
60.3023, 0.3273, 0.2920

Monochromacy



Original Color

60.3201, 0.3076, 0.2566



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

62.3291, 0.3110, 0.3005

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3201, 0.3076, 0.2566 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(244, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 183, 255)  
}
```

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(244, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 183, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.3201, 0.3076, 0.2566 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(244, 183, 255) }
```

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

```
.border{ border-color:rgb(244, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 183,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3201, 0.3076, 0.2566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 183, 255) }
```

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

```
.background{ background-color: rgb(244,  
183, 255) }
```

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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