

Converting Colors

$Y_{xy}(60.1237, 0.3210, 0.2597)$

Have a look what the booklet for
Yxy(60.1237, 0.3210, 0.2597)
contains.

Yxy(60.3398, 0.3207, 0.2599)	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(60.3398, 0.3207, 0.2599)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3F9
RGB	255, 179, 249
RGB Percent	100%, 70%, 98%
CMY	0.0001, 0.2980, 0.0234
CMYK	0.00, 0.30, 0.02, 0.00
HSL	305°, 100%, 85%
HSV	305°, 30%, 100%
XYZ	74.4555, 60.3398, 97.3702
YIQ	209.7040, 22.8260, 37.8820

Conversions

Conversions Part 2

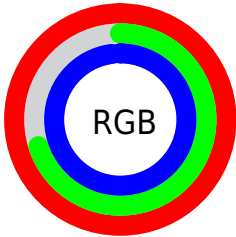
Format	Color
R_{YB}	255, 179, 249
Decimal	16757753
CIE _{Lab}	82.02, 38.41, -23.68
CIE _{LCh}	82, 45.121, 328.341
Yxy	60.3398, 0.3207, 0.2599
Android (android.graphics.Color)	4294947833 (0xFFFFB3F9)
YUV	209.7040, 19.3729, 39.7246
Hunter-Lab	77.6787, 35.1555, -19.9449

Details

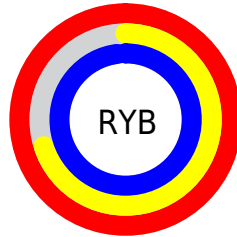
The Yxy color $60.3398, 0.3207, 0.2599$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $84.5900, 0.3055, 0.4095$, and the grayscale version is $64.1061, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.4709, 0.3136, 0.3107$, and $30.3433, 0.3220, 0.2450$ is the 20% darker color. If you saturate the color by 10%, you get $50.9247, 0.3238, 0.2373$, and if you desaturate by 10%, it is $71.6511, 0.3178, 0.2833$.

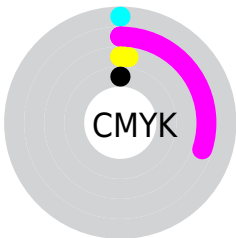
Distribution



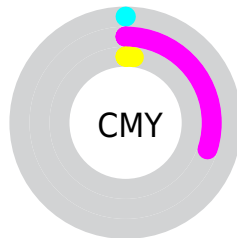
- Red (100%)
- Green (70%)
- Blue (98%)



- Red (100%)
- Yellow (70%)
- Blue (98%)



- Cyan (0%)
- Magenta (30%)
- Yellow (2%)
- Black (0%)




- Cyan (0%)
- Magenta (30%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3398, 0.3207, 0.2599 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 60.3398, 0.3207, 0.2599 by changing the saturation by 10% instead.


 60.3398, 0.3207,
0.2599

 60.3398, 0.3207,
0.2599


425.8491, 0.3177,
0.2909

 43.6926, 0.3212,
0.2531


 105.3224, 0.3198,
0.2705

 30.4289, 0.3218,
0.2448


134.4266, 0.3194,
0.2746

 20.1644, 0.3224,
0.2344


168.4520, 0.3191,
0.2782

 12.5146, 0.3229,
0.2213

207.7828, 0.3187,
0.2814

 7.0951, 0.3232,
0.2041

252.8035, 0.3184,
0.2842

 3.5217, 0.3230,
0.1807


303.8986, 0.3182,


 1.4098, 0.3210,


0.2867


0.1475

361.4523, 0.3179,
0.2889


 0.2239, 0.3261,
0.0614


 0.0000, 0.1239,
0.0000


 60.3398, 0.3207,
0.2599

 60.3398, 0.3207,
0.2599

 50.9247, 0.3238,
0.2373


 71.6511, 0.3178,
0.2833

 43.2936, 0.3271,
0.2164

 84.9469, 0.3151,
0.3067

 37.3347, 0.3304,
0.1983

99.9952, 0.3127,
0.3290

 32.9203, 0.3336,
0.1838

■ 29.9045, 0.3367,
0.1735

■ 28.1134, 0.3395,
0.1677

■ 27.2688, 0.3420,
0.1658

■ 27.2549, 0.3420,
0.1658

Harmonies

Analogous

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



60.3398, 0.2654, 0.2408



60.3398, 0.3207, 0.2599



60.3398, 0.3787, 0.2939

Triad

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



60.3398, 0.3207, 0.2599



60.3398, 0.4017, 0.4187



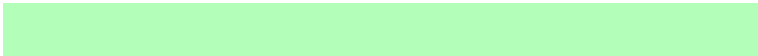
60.3398, 0.2165, 0.3063

Complementary

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



60.3398, 0.3207, 0.2599



84.5900, 0.3055, 0.4095

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.



60.3398, 0.2471, 0.3648



60.3398, 0.3207, 0.2599



60.3398, 0.3534, 0.4347

Square

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



60.3398, 0.3207, 0.2599



60.3398, 0.4270, 0.3814



60.3398, 0.2968, 0.4156



60.3398, 0.2097, 0.2623

Rectangle

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



60.3398, 0.3207, 0.2599



60.3398, 0.4087, 0.3219



60.3398, 0.2968, 0.4156



60.3398, 0.2242, 0.3250

Sweetspot

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



60.3425, 0.3207, 0.2599



86.1063, 0.3149, 0.3086



49.6641, 0.2633, 0.2423



17.9838, 0.3153, 0.3052



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.



60.3425, 0.3207, 0.2599



54.2915, 0.3226, 0.2457



58.2509, 0.3509, 0.2952



18.2744, 0.3150, 0.3074



14.2548, 0.3416, 0.1656



1.3949, 0.3390, 0.1641

Inverse Universe

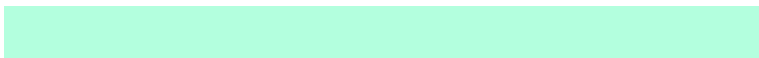
The Inverse Universe completely reimagines the original color for something new.



60.3425, 0.3207, 0.2599



54.2915, 0.3226, 0.2457



86.3661, 0.2860, 0.3657



18.2744, 0.3150, 0.3074



14.2548, 0.3416, 0.1656



1.3949, 0.3390, 0.1641

Previews

White Background



This preview shows how the Yxy color 60.3398, 0.3207, 0.2599 looks on a white background.

Color Contrast Check

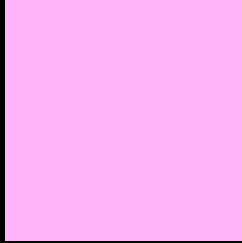
Large Text (above 18pt) WCAG AA × Fail

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 60.3398, 0.3207, 0.2599 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 60.3398, 0.3207, 0.2599

Background



This preview shows how black text looks on a background with the Yxy color 60.3398, 0.3207, 0.2599.



This preview shows how white text looks on a background with the Yxy color 60.3398, 0.3207, 0.2599.

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

60.3398, 0.3207, 0.2599

Protanopia

60.5374, 0.2704, 0.2699

Deuteranopia

60.7385, 0.2851, 0.2791



Tritanopia

60.3704, 0.3526, 0.3144

Trichromacy



Original Color

60.3398, 0.3207, 0.2599



Protanomaly

59.9716, 0.2868, 0.2656



Deuteranomaly

60.0411, 0.2979, 0.2714



Tritanomaly

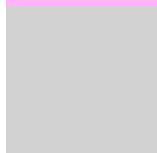
60.3216, 0.3407, 0.2939

Monochromacy



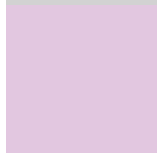
Original Color

60.3398, 0.3207, 0.2599



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

62.3974, 0.3155, 0.3018

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3398, 0.3207, 0.2599 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, 179, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 249)  
}
```

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, 179, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 249) }
```

Border

The CSS property to change the border of an element to Yxy 60.3398, 0.3207, 0.2599 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, 179, 249) }
```

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

```
.border{ border-color:rgb(255, 179, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3398, 0.3207, 0.2599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 249) }
```

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

```
.background{ background-color: rgb(255,  
179, 249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor