

Converting Colors

$Y_{xy}(60.1991, 0.3109, 0.2552)$

Have a look what the booklet for
Yxy(60.1991, 0.3109, 0.2552)
contains.

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Color

Yxy(60.2242, 0.3107, 0.2553)

Conversions

Conversions Part 1

Format	Color
Hex	F8B5FF
RGB	248, 181, 255
RGB Percent	97%, 71%, 100%
CMY	0.0274, 0.2902, 0.0000
CMYK	0.03, 0.29, 0.00, 0.00
HSL	294°, 100%, 85%
HSV	294°, 29%, 100%
XYZ	73.2928, 60.2242, 102.3788
YIQ	209.4690, 16.1780, 37.2180

Conversions

Conversions Part 2

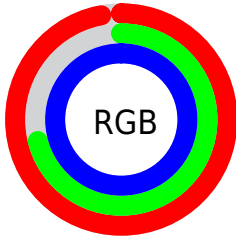
Format	Color
R _Y B	248, 181, 255
Decimal	16299519
CIE Lab	81.96, 36.26, -27.04
CIE LCh	82, 45.235, 323.291
Yxy	60.2242, 0.3107, 0.2553
Android (android.graphics.Color)	4294489599 (0xFFFF8B5FF)
YUV	209.4690, 22.4468, 33.7917
Hunter-Lab	77.6043, 32.7757, -23.8949

Details

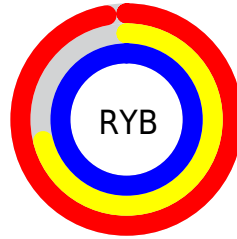
The Yxy color **60.2242, 0.3107, 0.2553** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.5433, 0.3129, 0.4129**, and the grayscale version is **63.9269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **30.3323, 0.3097, 0.2392** is the 20% darker color. If you saturate the color by 10%, you get **50.3517, 0.3095, 0.2301**, and if you desaturate by 10%, it is **72.0037, 0.3116, 0.2811**.

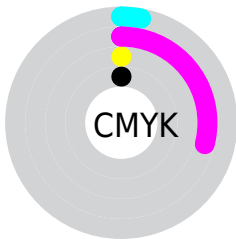
Distribution



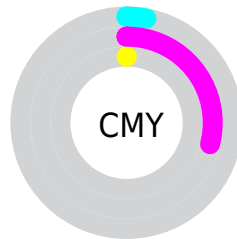
- Red (97%)
- Green (71%)
- Blue (100%)



- Red (97%)
- Yellow (71%)
- Blue (100%)



- Cyan (3%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)




- Cyan (3%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2242, 0.3107, 0.2553 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 60.2242, 0.3107, 0.2553 by changing the saturation by 10% instead.


 60.2242, 0.3107,
0.2553

 60.2242, 0.3107,
0.2553


425.4237, 0.3125,
0.2883

 43.5994, 0.3101,
0.2481


 105.1548, 0.3115,
0.2665

 30.3557, 0.3093,
0.2393


134.2294, 0.3117,
0.2709

 20.1087, 0.3081,
0.2284


168.2227, 0.3119,
0.2748

 12.4741, 0.3063,
0.2146

207.5191, 0.3121,
0.2782

 7.0674, 0.3034,
0.1965

252.5030, 0.3122,
0.2811

 3.5043, 0.2985,
0.1722


303.5588, 0.3123,


 1.4003, 0.2893,


0.2838


0.1382


361.0709, 0.3124,
0.2862


 0.2170, 0.2799,
0.0544


 0.0000, 0.0409,
0.0000


 60.2242, 0.3107,
0.2553


 60.2242, 0.3107,
0.2553

 50.3517, 0.3095,
0.2301


 72.0037, 0.3116,
0.2811

 42.2770, 0.3080,
0.2064

 85.7805, 0.3123,
0.3067

 35.8884, 0.3062,
0.1854

100.0000, 0.3127,
0.3290

 31.0595, 0.3041,
0.1679

■ 27.6457, 0.3019,
0.1547

■ 25.4758, 0.2995,
0.1460

■ 24.2966, 0.2971,
0.1413

■ 24.2034, 0.2968,
0.1409

Harmonies

Analogous

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



60.2242, 0.2574, 0.2391



60.2242, 0.3107, 0.2553



60.2242, 0.3697, 0.2872

Triad

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



60.2242, 0.3107, 0.2553



60.2242, 0.4082, 0.4137



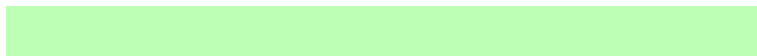
60.2242, 0.2198, 0.3155

Complementary

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



60.2242, 0.3107, 0.2553



85.5433, 0.3129, 0.4129

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.



60.2242, 0.2542, 0.3748



60.2242, 0.3107, 0.2553



60.2242, 0.3627, 0.4345

Square

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



60.2242, 0.3107, 0.2553



60.2242, 0.4285, 0.3742



60.2242, 0.3062, 0.4217



60.2242, 0.2089, 0.2680

Rectangle

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



60.2242, 0.3107, 0.2553



60.2242, 0.4025, 0.3145



60.2242, 0.3062, 0.4217



60.2242, 0.2288, 0.3349

Sweetspot

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



60.2260, 0.3107, 0.2553



85.8134, 0.3123, 0.3068



53.1779, 0.2623, 0.2528



17.9111, 0.3122, 0.3031



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.



60.2260, 0.3107, 0.2553



54.1010, 0.3100, 0.2401



59.7629, 0.3393, 0.2840



18.2082, 0.3123, 0.3055



12.6825, 0.2973, 0.1411



1.2591, 0.3001, 0.1427

Inverse Universe

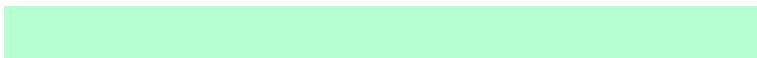
The Inverse Universe completely reimagines the original color for something new.



57.9345, 0.3713, 0.3219



51.5039, 0.3887, 0.3204



86.0258, 0.2930, 0.3790



18.0149, 0.3280, 0.3268



11.1526, 0.6297, 0.3242



1.0948, 0.6093, 0.3130

Previews

White Background



This preview shows how the Yxy color 60.2242, 0.3107, 0.2553 looks on a white background.

Color Contrast Check

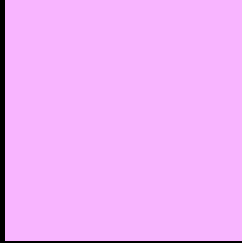
Large Text (above 18pt) WCAG AA × Fail

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 60.2242, 0.3107, 0.2553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

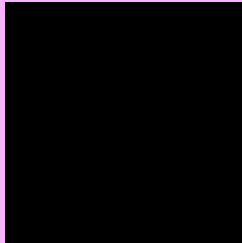
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2242, 0.3107, 0.2553

Background



This preview shows how black text looks on a background with the Yxy color 60.2242, 0.3107, 0.2553.



This preview shows how white text looks on a background with the Yxy color 60.2242, 0.3107, 0.2553.

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

60.2242, 0.3107, 0.2553

Protanopia

60.4082, 0.2698, 0.2698

Deuteranopia

60.5529, 0.2786, 0.2726



Tritanopia

60.3702, 0.3430, 0.3140

Trichromacy



Original Color

60.2242, 0.3107, 0.2553



Protanomaly

59.6525, 0.2833, 0.2633



Deuteranomaly

59.9199, 0.2895, 0.2658



Tritanomaly

60.1015, 0.3315, 0.2913

Monochromacy



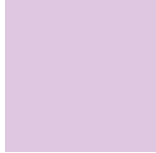
Original Color

60.2242, 0.3107, 0.2553



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

62.0258, 0.3118, 0.2995

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2242, 0.3107, 0.2553 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(248, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 181, 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(248, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 181, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.2242, 0.3107, 0.2553 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(248, 181, 255) }
```

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

```
.border{ border-color:rgb(248, 181, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 181,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2242, 0.3107, 0.2553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 181, 255) }
```

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

```
.background{ background-color: rgb(248,  
181, 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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