

Converting Colors

$Y_{xy}(67.9629, 0.2775, 0.2245)$

Have a look what the booklet for
Yxy(67.9629, 0.2775, 0.2245)
contains.

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Color

Yxy(64.2558, 0.3096, 0.2651)

Conversions

Conversions Part 1

Format	Color
Hex	F7BFFF
RGB	247, 191, 255
RGB Percent	97%, 75%, 100%
CMY	0.0314, 0.2510, 0.0000
CMYK	0.03, 0.25, 0.00, 0.00
HSL	292°, 100%, 87%
HSV	292°, 25%, 100%
XYZ	75.0419, 64.2558, 103.0856
YIQ	215.0400, 12.8320, 31.7760

Conversions

Conversions Part 2

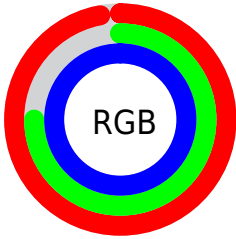
Format	Color
R _Y B	247, 191, 255
Decimal	16236543
CIE _{Lab}	84.10, 30.66, -23.80
CIE _{LCh}	84, 38.817, 322.181
Yxy	64.2558, 0.3096, 0.2651
Android (android.graphics.Color)	4294426623 (0xFFFF7BFFF)
YUV	215.0400, 19.7003, 28.0289
Hunter-Lab	80.1597, 26.8240, -20.1353

Details

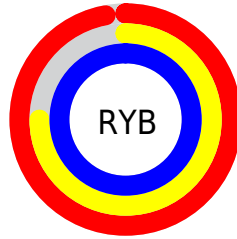
The Yxy color $64.2558, 0.3096, 0.2651$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $87.4246, 0.3142, 0.3998$, and the grayscale version is $67.8406, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6148, 0.3130, 0.3223$, and $32.9157, 0.3083, 0.2514$ is the 20% darker color. If you saturate the color by 10%, you get $53.5106, 0.3078, 0.2393$, and if you desaturate by 10%, it is $76.9479, 0.3111, 0.2911$.

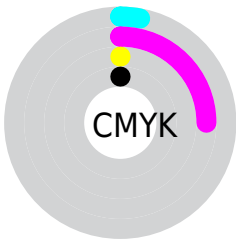
Distribution



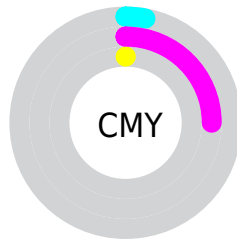
- Red (97%)
- Green (75%)
- Blue (100%)



- Red (97%)
- Yellow (75%)
- Blue (100%)



- Cyan (3%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)




- Cyan (3%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.2558, 0.3096, 0.2651 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 64.2558, 0.3096, 0.2651 by changing the saturation by 10% instead.


 64.2558, 0.3096,
0.2651

 64.2558, 0.3096,
0.2651

440.1128, 0.3117,
0.2937

 46.8579, 0.3090,
0.2588


 110.9792, 0.3104,
0.2748

 32.9233, 0.3082,
0.2512


141.0736, 0.3107,
0.2787

 22.0677, 0.3070,
0.2417


176.1688, 0.3110,
0.2820

 13.9067, 0.3053,
0.2297

216.6494, 0.3112,
0.2849

 8.0558, 0.3028,
0.2139

262.8997, 0.3113,
0.2875

 4.1307, 0.2986,
0.1924


315.3041, 0.3115,


 1.7469, 0.2909,


0.2898

0.1619


374.2470, 0.3116,
0.2918


 0.4538, 0.2789,
0.1031


 0.0000, 0.1181,
0.0000

 64.2558, 0.3096,
0.2651


 64.2558, 0.3096,
0.2651

 53.5106, 0.3078,
0.2393


 76.9479, 0.3111,
0.2911

 44.6106, 0.3056,
0.2144

 91.6787, 0.3123,
0.3165

 37.4468, 0.3030,
0.1917

100.0000, 0.3127,
0.3290

 31.8983, 0.3001,
0.1721

■ 27.8284, 0.2970,
0.1565

■ 25.0779, 0.2938,
0.1453

■ 23.4504, 0.2905,
0.1387

■ 22.9255, 0.2889,
0.1365

Harmonies

Analogous

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



64.2558, 0.2646, 0.2518



64.2558, 0.3096, 0.2651



64.2558, 0.3591, 0.2924

Triad

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



64.2558, 0.3096, 0.2651



64.2558, 0.3948, 0.4005



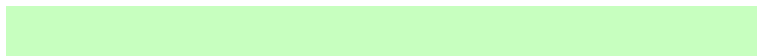
64.2558, 0.2345, 0.3202

Complementary

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



64.2558, 0.3096, 0.2651



87.4246, 0.3142, 0.3998

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.



64.2558, 0.2650, 0.3690



64.2558, 0.3096, 0.2651



64.2558, 0.3574, 0.4171

Square

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



64.2558, 0.3096, 0.2651



64.2558, 0.4102, 0.3674



64.2558, 0.3098, 0.4066



64.2558, 0.2239, 0.2793

Rectangle

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



64.2558, 0.3096, 0.2651



64.2558, 0.3867, 0.3160



64.2558, 0.3098, 0.4066



64.2558, 0.2426, 0.3364

Sweetspot

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



64.2562, 0.3096, 0.2651



87.1872, 0.3120, 0.3092



59.3904, 0.2702, 0.2671



18.1783, 0.3118, 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.



64.2562, 0.3096, 0.2651



58.7506, 0.3088, 0.2524



64.3224, 0.3332, 0.2882



18.1783, 0.3118, 0.3054



12.0244, 0.2895, 0.1368



1.2017, 0.2933, 0.1389

Inverse Universe

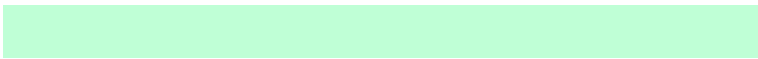
The Inverse Universe completely reimagines the original color for something new.



62.6464, 0.3594, 0.3208



56.9339, 0.3719, 0.3192



87.4757, 0.2967, 0.3737



18.0240, 0.3275, 0.3261



11.1744, 0.6247, 0.3215



1.0991, 0.6001, 0.3079

Previews

White Background



This preview shows how the Yxy color 64.2558, 0.3096, 0.2651 looks on a white background.

Color Contrast Check

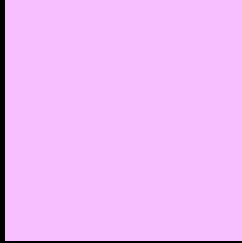
Large Text (above 18pt) WCAG AA × Fail

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 64.2558, 0.3096, 0.2651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

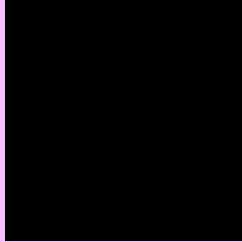
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.2558, 0.3096, 0.2651

Background



This preview shows how black text looks on a background with the Yxy color 64.2558, 0.3096, 0.2651.

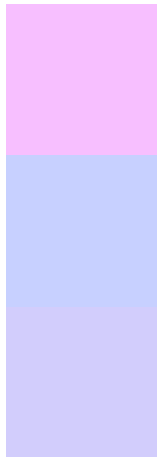


This preview shows how white text looks on a background with the Yxy color 64.2558, 0.3096, 0.2651.

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

64.2558, 0.3096, 0.2651

Protanopia

64.4739, 0.2762, 0.2775

Deuteranopia

64.3926, 0.2851, 0.2782



Tritanopia

64.4027, 0.3347, 0.3132

Trichromacy



Original Color

64.2558, 0.3096, 0.2651



Protanomaly

64.0600, 0.2872, 0.2726



Deuteranomaly

64.0884, 0.2934, 0.2732



Tritanomaly

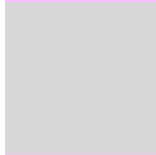
64.1917, 0.3252, 0.2947

Monochromacy



Original Color

64.2558, 0.3096, 0.2651



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

66.1867, 0.3117, 0.3032

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2558, 0.3096, 0.2651 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(247, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 191, 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(247, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 191, 255) }
```

Border

The CSS property to change the border of an element to Yxy 64.2558, 0.3096, 0.2651 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(247, 191, 255) }
```

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

```
.border{ border-color:rgb(247, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 191,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2558, 0.3096, 0.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 191, 255) }
```

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

```
.background{ background-color: rgb(247,  
191, 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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