

Converting Colors

Yxy(64.4272, 0.2940, 0.2496)

Have a look what the booklet for
Yxy(64.4272, 0.2940, 0.2496)
contains.

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Color

Yxy(63.1824, 0.3051, 0.2643)

Conversions

Conversions Part 1

Format	Color
Hex	F1BFFF
RGB	241, 191, 255
RGB Percent	95%, 75%, 100%
CMY	0.0552, 0.2508, 0.0001
CMYK	0.06, 0.25, 0.00, 0.00
HSL	287°, 100%, 87%
HSV	287°, 25%, 100%
XYZ	72.9359, 63.1824, 102.9373
YIQ	213.2460, 9.2560, 30.5040

Conversions

Conversions Part 2

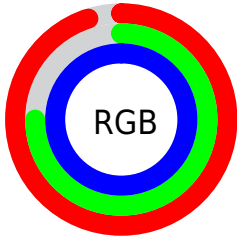
Format	Color
R _Y B	241, 191, 255
Decimal	15843327
CIE Lab	83.54, 28.72, -24.67
CIE LCh	84, 37.860, 319.329
Yxy	63.1824, 0.3051, 0.2643
Android (android.graphics.Color)	4294033407 (0xFFFF1BFFF)
YUV	213.2460, 20.5847, 24.3403
Hunter-Lab	79.4874, 24.6848, -21.1403

Details

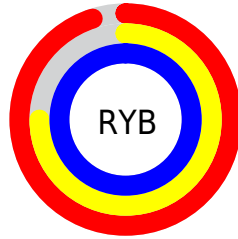
The Yxy color **63.1824, 0.3051, 0.2643** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.2578, 0.3180, 0.3989**, and the grayscale version is **66.5662, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **32.1589, 0.3024, 0.2500** is the 20% darker color. If you saturate the color by 10%, you get **52.0427, 0.3010, 0.2375**, and if you desaturate by 10%, it is **76.2937, 0.3086, 0.2909**.

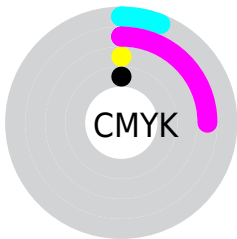
Distribution



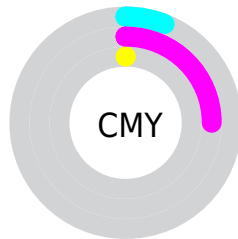
- Red (95%)
- Green (75%)
- Blue (100%)



- Red (95%)
- Yellow (75%)
- Blue (100%)



- Cyan (6%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)




- Cyan (6%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1824, 0.3051, 0.2643 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 63.1824, 0.3051, 0.2643 by changing the saturation by 10% instead.


 63.1824, 0.3051,
0.2643

 63.1824, 0.3051,
0.2643


436.2312, 0.3093,
0.2934

 45.9888, 0.3040,
0.2579


 109.4326, 0.3067,
0.2742

 32.2370, 0.3026,
0.2501


139.2580, 0.3072,
0.2781

 21.5426, 0.3007,
0.2404

174.0628, 0.3077,
0.2815

 13.5212, 0.2980,
0.2281


214.2313, 0.3081,
0.2845

 7.7884, 0.2941,
0.2119

260.1480, 0.3085,
0.2871

 3.9598, 0.2879,
0.1899


312.1973, 0.3088,


 1.6511, 0.2772,

0.2894

0.1584


370.7636, 0.3090,
0.2915

 0.3917, 0.2612,
0.0934


 0.0000, 0.0218,
0.0000

 63.1824, 0.3051,
0.2643

 63.1824, 0.3051,
0.2643

 52.0427, 0.3010,
0.2375


 76.2937, 0.3086,
0.2909

 42.7659, 0.2963,
0.2113

 91.4618, 0.3115,
0.3165

 35.2450, 0.2911,
0.1868

99.9984, 0.3127,
0.3290

 29.3590, 0.2854,
0.1653

■ 24.9711, 0.2795,
0.1476

■ 21.9219, 0.2735,
0.1345

■ 20.0149, 0.2676,
0.1261

■ 19.3578, 0.2648,
0.1232

Harmonies

Analogous

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



63.1824, 0.2619, 0.2528



63.1824, 0.3051, 0.2643



63.1824, 0.3538, 0.2901

Triad

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



63.1824, 0.3051, 0.2643



63.1824, 0.3958, 0.3967



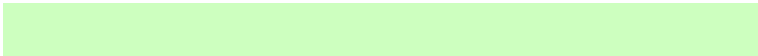
63.1824, 0.2379, 0.3249

Complementary

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



63.1824, 0.3051, 0.2643



88.2578, 0.3180, 0.3989

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.



63.1824, 0.2697, 0.3725



63.1824, 0.3051, 0.2643



63.1824, 0.3608, 0.4149

Square

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



63.1824, 0.3051, 0.2643



63.1824, 0.4084, 0.3633



63.1824, 0.3144, 0.4072



63.1824, 0.2256, 0.2835

Rectangle

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



63.1824, 0.3051, 0.2643



63.1824, 0.3819, 0.3128



63.1824, 0.3144, 0.4072



63.1824, 0.2466, 0.3409

Sweetspot

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



63.1851, 0.3051, 0.2643



86.8280, 0.3107, 0.3092



62.4208, 0.2709, 0.2745



18.0873, 0.3103, 0.3053



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.



63.1851, 0.3051, 0.2643



57.4719, 0.3032, 0.2511



64.7016, 0.3283, 0.2821



18.0873, 0.3103, 0.3053



10.1857, 0.2657, 0.1238



1.0391, 0.2723, 0.1274

Inverse Universe

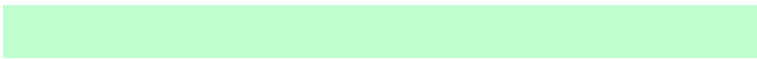
The Inverse Universe completely reimagines the original color for something new.



62.9445, 0.3544, 0.3146



57.2539, 0.3655, 0.3116



87.1438, 0.3001, 0.3810



18.0524, 0.3260, 0.3238



11.2760, 0.6026, 0.3093



1.1133, 0.5720, 0.2925

Previews

White Background



This preview shows how the Yxy color 63.1824, 0.3051, 0.2643 looks on a white background.

Color Contrast Check

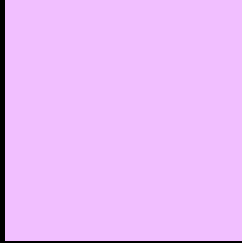
Large Text (above 18pt) WCAG AA × Fail

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 63.1824, 0.3051, 0.2643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

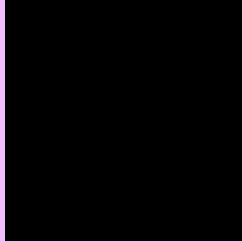
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.1824, 0.3051, 0.2643

Background



This preview shows how black text looks on a background with the Yxy color 63.1824, 0.3051, 0.2643.



This preview shows how white text looks on a background with the Yxy color 63.1824, 0.3051, 0.2643.

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

63.1824, 0.3051, 0.2643

Protanopia

63.7160, 0.2748, 0.2762

Deuteranopia

63.4794, 0.2830, 0.2768



Tritanopia

63.3641, 0.3300, 0.3129

Trichromacy



Original Color

63.1824, 0.3051, 0.2643



Protanomaly

63.1394, 0.2851, 0.2712



Deuteranomaly

62.9988, 0.2905, 0.2717



Tritanomaly

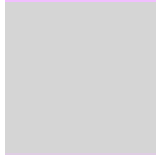
63.1415, 0.3206, 0.2942

Monochromacy



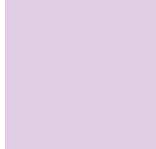
Original Color

63.1824, 0.3051, 0.2643



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

64.9521, 0.3101, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1824, 0.3051, 0.2643 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(241, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 191, 255) }
```

Border

The CSS property to change the border of an element to Yxy 63.1824, 0.3051, 0.2643 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(241, 191, 255) }
```

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

```
.border{ border-color:rgb(241, 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(241, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 191,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1824, 0.3051, 0.2643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 191, 255) }
```

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

```
.background{ background-color: rgb(241,  
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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