

Converting Colors

$Y_{xy}(63.2569, 0.3095, 0.2670)$

Have a look what the booklet for
Yxy(63.2569, 0.3095, 0.2670)
contains.

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Color

Yxy(63.0883, 0.3095, 0.2664)

Conversions

Conversions Part 1

Format	Color
Hex	F4BEFC
RGB	244, 190, 252
RGB Percent	96%, 75%, 99%
CMY	0.0431, 0.2549, 0.0116
CMYK	0.03, 0.25, 0.00, 0.01
HSL	292°, 91%, 87%
HSV	292°, 25%, 99%
XYZ	73.2952, 63.0883, 100.4345
YIQ	213.2140, 12.2820, 30.7300

Conversions

Conversions Part 2

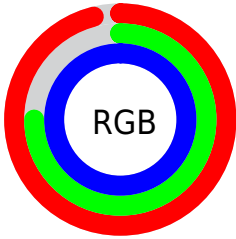
Format	Color
R_{YB}	244, 190, 252
Decimal	16039676
CIE _{Lab}	83.49, 29.68, -23.15
CIE _{LCh}	83, 37.643, 322.040
Yxy	63.0883, 0.3095, 0.2664
Android (android.graphics.Color)	4294229756 (0xFFFF4BEFC)
YUV	213.2140, 19.1215, 26.9993
Hunter-Lab	79.4281, 25.7180, -19.3707

Details

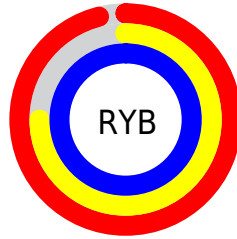
The Yxy color $63.0883, 0.3095, 0.2664$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $85.3688, 0.3144, 0.3981$, and the grayscale version is $66.5559, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $32.1132, 0.3082, 0.2528$ is the 20% darker color. If you saturate the color by 10%, you get $52.5222, 0.3076, 0.2405$, and if you desaturate by 10%, it is $75.5578, 0.3111, 0.2924$.

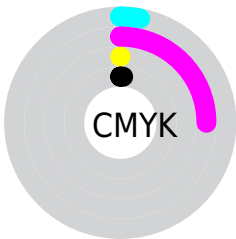
Distribution



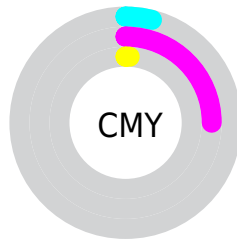
- Red (96%)
- Green (75%)
- Blue (99%)



- Red (96%)
- Yellow (75%)
- Blue (99%)



- Cyan (3%)
- Magenta (25%)
- Yellow (0%)
- Black (1%)




- Cyan (4%)
- Magenta (25%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0883, 0.3095, 0.2664 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 63.0883, 0.3095, 0.2664 by changing the saturation by 10% instead.


 63.0883, 0.3095,
0.2664

 63.0883, 0.3095,
0.2664

435.8899, 0.3116,
0.2945

 45.9126, 0.3089,
0.2602


 109.2969, 0.3103,
0.2760

 32.1769, 0.3081,
0.2526


139.0986, 0.3106,
0.2798

 21.4966, 0.3069,
0.2432


173.8778, 0.3109,
0.2831

 13.4875, 0.3052,
0.2312

214.0189, 0.3111,
0.2859

 7.7651, 0.3026,
0.2154

259.9063, 0.3112,
0.2885

 3.9450, 0.2983,
0.1938


311.9243, 0.3114,


 1.6429, 0.2905,


0.2907


0.1628


370.4573, 0.3115,
0.2927

 0.3862, 0.2799,
0.0968


 0.0000, 0.0451,
0.0000


 63.0883, 0.3095,
0.2664


 63.0883, 0.3095,
0.2664

 52.5222, 0.3076,
0.2405


 75.5578, 0.3111,
0.2924


 43.7542, 0.3053,
0.2155

 90.0127, 0.3123,
0.3177

 36.6811, 0.3026,
0.1926

 99.5814, 0.3137,
0.3318

 31.1859, 0.2996,
0.1727

 99.8102, 0.3144,
0.3318

■ 27.1369, 0.2964,
0.1568

■ 24.3806, 0.2930,
0.1453

■ 22.7288, 0.2896,
0.1383

■ 22.1510, 0.2878,
0.1359

Harmonies

Analogous

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



63.0883, 0.2655, 0.2535



63.0883, 0.3095, 0.2664



63.0883, 0.3578, 0.2931

Triad

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



63.0883, 0.3095, 0.2664



63.0883, 0.3930, 0.3988



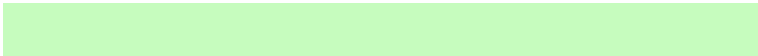
63.0883, 0.2364, 0.3208

Complementary

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



63.0883, 0.3095, 0.2664



85.3688, 0.3144, 0.3981

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.



63.0883, 0.2664, 0.3682



63.0883, 0.3095, 0.2664



63.0883, 0.3567, 0.4149

Square

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



63.0883, 0.3095, 0.2664



63.0883, 0.4078, 0.3665



63.0883, 0.3102, 0.4047



63.0883, 0.2259, 0.2807

Rectangle

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



63.0883, 0.3095, 0.2664



63.0883, 0.3847, 0.3162



63.0883, 0.3102, 0.4047



63.0883, 0.2444, 0.3365

Sweetspot

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



63.0910, 0.3095, 0.2664



88.6995, 0.3120, 0.3117



58.4909, 0.2711, 0.2685



18.7872, 0.3119, 0.3102



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.



63.0910, 0.3095, 0.2664



58.6893, 0.3085, 0.2523



63.2025, 0.3327, 0.2890



17.4039, 0.3117, 0.3055



11.5815, 0.2884, 0.1362



1.1034, 0.2925, 0.1385

Inverse Universe

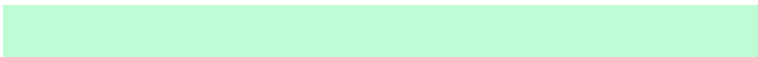
The Inverse Universe completely reimagines the original color for something new.



61.6082, 0.3580, 0.3207



56.9486, 0.3716, 0.3188



85.3790, 0.2970, 0.3727



17.2618, 0.3274, 0.3260



10.8483, 0.6237, 0.3209



1.0158, 0.5973, 0.3064

Previews

White Background



This preview shows how the Yxy color 63.0883, 0.3095, 0.2664 looks on a white background.

Color Contrast Check

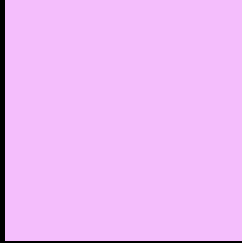
Large Text (above 18pt) WCAG AA × Fail

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 63.0883, 0.3095, 0.2664 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 63.0883, 0.3095, 0.2664

Background



This preview shows how black text looks on a background with the Yxy color 63.0883, 0.3095, 0.2664.



This preview shows how white text looks on a background with the Yxy color 63.0883, 0.3095, 0.2664.

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

63.0883, 0.3095, 0.2664

Protanopia

63.7160, 0.2748, 0.2762

Deuteranopia

63.4352, 0.2855, 0.2799



Tritanopia

62.9137, 0.3333, 0.3119

Trichromacy



Original Color

63.0883, 0.3095, 0.2664

Protanomaly

63.2252, 0.2864, 0.2723

Deuteranomaly

63.1211, 0.2939, 0.2748

Tritanomaly

62.6549, 0.3246, 0.2943

Monochromacy



Original Color

63.0883, 0.3095, 0.2664

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.0560, 0.3116, 0.3051

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0883, 0.3095, 0.2664 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, 190, 252)` looks like.

```
.text, #text, p{  
    color:rgb(244, 190, 252)  
}
```

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, 190, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 190, 252) }
```

Border

The CSS property to change the border of an element to Yxy 63.0883, 0.3095, 0.2664 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, 190, 252) }
```

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

```
.border{ border-color:rgb(244, 190, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 190, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 190, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 190, 252);  
box-shadow:4px 4px 4px 4px rgb(244, 190,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0883, 0.3095, 0.2664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 190, 252) }
```

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

```
.background{ background-color: rgb(244,  
190, 252) }
```

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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