

Converting Colors

Yxy(63.1675, 0.3046, 0.2644)

Have a look what the booklet for
Yxy(63.1675, 0.3046, 0.2644)
contains.

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Color

Yxy(63.0069, 0.3044, 0.2641)

Conversions

Conversions Part 1

Format	Color
Hex	F0BFFF
RGB	240, 191, 255
RGB Percent	94%, 75%, 100%
CMY	0.0587, 0.2510, 0.0000
CMYK	0.06, 0.25, 0.00, 0.00
HSL	286°, 100%, 87%
HSV	286°, 25%, 100%
XYZ	72.6214, 63.0069, 102.9439
YIQ	212.9470, 8.6600, 30.2920

Conversions

Conversions Part 2

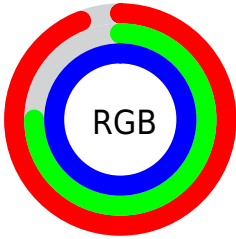
Format	Color
R _{YB}	240, 191, 255
Decimal	15777791
CIE _{Lab}	83.45, 28.45, -24.84
CIE _{LCh}	83, 37.769, 318.883
Yxy	63.0069, 0.3044, 0.2641
Android (android.graphics.Color)	4293967871 (0xFFFF0BFFF)
YUV	212.9470, 20.7321, 23.7255
Hunter-Lab	79.3769, 24.3988, -21.3294

Details

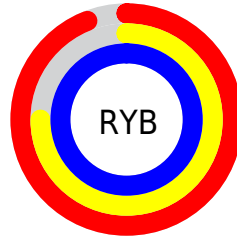
The Yxy color **63.0069, 0.3044, 0.2641** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.3997, 0.3186, 0.3988**, and the grayscale version is **66.3593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **32.0358, 0.3014, 0.2497** is the 20% darker color. If you saturate the color by 10%, you get **51.8115, 0.3000, 0.2371**, and if you desaturate by 10%, it is **76.1777, 0.3082, 0.2908**.

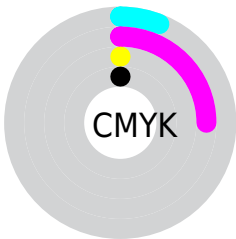
Distribution



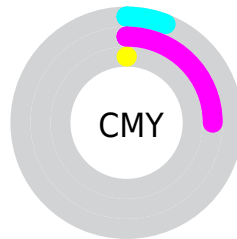
- Red (94%)
- Green (75%)
- Blue (100%)



- Red (94%)
- 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 63.0069, 0.3044, 0.2641 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 63.0069, 0.3044, 0.2641 by changing the saturation by 10% instead.

 63.0069, 0.3044,
0.2641

 63.0069, 0.3044,
0.2641

435.5945, 0.3089,
0.2933

 45.8468, 0.3032,
0.2577

 109.1795, 0.3061,
0.2740

 32.1249, 0.3017,
0.2498


138.9607, 0.3067,
0.2780

 21.4569, 0.2997,
0.2401


173.7178, 0.3072,
0.2814

 13.4584, 0.2969,
0.2277

213.8351, 0.3077,
0.2843

 7.7450, 0.2927,
0.2115

259.6970, 0.3080,
0.2870

 3.9322, 0.2862,
0.1893

311.6880, 0.3084,

 1.6357, 0.2750,

0.2893

0.1577

370.1924, 0.3087,
0.2914

0.3815, 0.2585,
0.0916

0.0000, 0.0052,
0.0000

63.0069, 0.3044,
0.2641

63.0069, 0.3044,
0.2641

51.8115, 0.3000,
0.2371

76.1777, 0.3082,
0.2908

42.4835, 0.2949,
0.2107

91.4098, 0.3113,
0.3165

34.9155, 0.2892,
0.1860

100.0000, 0.3127,
0.3290

28.9863, 0.2831,
0.1642

■ 24.5590, 0.2768,
0.1462

■ 21.4740, 0.2704,
0.1329

■ 19.5348, 0.2642,
0.1242

■ 18.8654, 0.2612,
0.1212

Harmonies

Analogous

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



63.0069, 0.2614, 0.2528



63.0069, 0.3044, 0.2641



63.0069, 0.3531, 0.2896

Triad

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



63.0069, 0.3044, 0.2641



63.0069, 0.3961, 0.3962



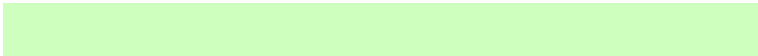
63.0069, 0.2384, 0.3257

Complementary

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



63.0069, 0.3044, 0.2641



88.3997, 0.3186, 0.3988

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.



63.0069, 0.2703, 0.3731



63.0069, 0.3044, 0.2641



63.0069, 0.3614, 0.4147

Square

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



63.0069, 0.3044, 0.2641



63.0069, 0.4082, 0.3627



63.0069, 0.3151, 0.4074



63.0069, 0.2257, 0.2841

Rectangle

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



63.0069, 0.3044, 0.2641



63.0069, 0.3813, 0.3123



63.0069, 0.3151, 0.4074



63.0069, 0.2471, 0.3416

Sweetspot

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



63.0094, 0.3044, 0.2641



86.7736, 0.3105, 0.3091



62.9205, 0.2710, 0.2757



18.0736, 0.3100, 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.



63.0094, 0.3044, 0.2641



57.2814, 0.3023, 0.2509



64.7522, 0.3275, 0.2811



18.0736, 0.3100, 0.3053



9.9289, 0.2622, 0.1218



1.0161, 0.2692, 0.1256

Inverse Universe

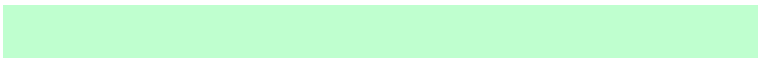
The Inverse Universe completely reimagines the original color for something new.



62.9753, 0.3537, 0.3137



57.3040, 0.3645, 0.3105



87.1008, 0.3007, 0.3823



18.0567, 0.3257, 0.3235



11.2964, 0.5984, 0.3070



1.1159, 0.5674, 0.2899

Previews

White Background



This preview shows how the Yxy color 63.0069, 0.3044, 0.2641 looks on a white background.

Color Contrast Check

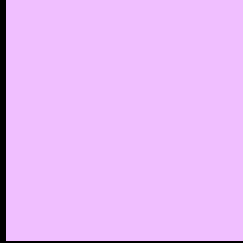
Large Text (above 18pt) WCAG AA × Fail

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 63.0069, 0.3044, 0.2641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

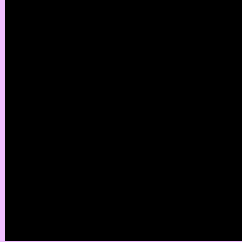
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.0069, 0.3044, 0.2641

Background



This preview shows how black text looks on a background with the Yxy color 63.0069, 0.3044, 0.2641.



This preview shows how white text looks on a background with the Yxy color 63.0069, 0.3044, 0.2641.

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

63.0069, 0.3044, 0.2641

Protanopia

63.0984, 0.2741, 0.2750

Deuteranopia

63.3994, 0.2817, 0.2757



Tritanopia

63.1943, 0.3292, 0.3128

Trichromacy



Original Color

63.0069, 0.3044, 0.2641



Protanomaly

62.9903, 0.2844, 0.2711



Deuteranomaly

62.9080, 0.2891, 0.2706



Tritanomaly

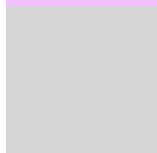
62.9699, 0.3198, 0.2941

Monochromacy



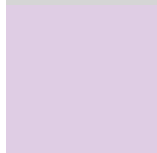
Original Color

63.0069, 0.3044, 0.2641



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 63.0069, 0.3044, 0.2641 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(240, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 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(240, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 191, 255) }
```

Border

The CSS property to change the border of an element to Yxy 63.0069, 0.3044, 0.2641 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(240, 191, 255) }
```

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

```
.border{ border-color:rgb(240, 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(240, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 191,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0069, 0.3044, 0.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 191, 255) }
```

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

```
.background{ background-color: rgb(240,  
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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