

Converting Colors

Yxy(64.2401, 0.2950, 0.2744)

Have a look what the booklet for
Yxy(64.2401, 0.2950, 0.2744)
contains.

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Color

Yxy(64.1841, 0.2947, 0.2743)

Conversions

Conversions Part 1

Format	Color
Hex	E0C8FC
RGB	224, 200, 252
RGB Percent	88%, 78%, 99%
CMY	0.1217, 0.2156, 0.0118
CMYK	0.11, 0.21, 0.00, 0.01
HSL	268°, 90%, 89%
HSV	268°, 21%, 99%
XYZ	68.9575, 64.1841, 100.8507
YIQ	213.1040, -2.3880, 21.2600

Conversions

Conversions Part 2

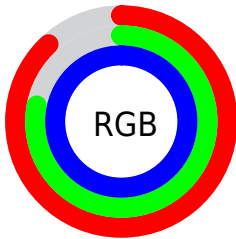
Format	Color
R_{YB}	224, 200, 252
Decimal	14731516
CIE _{Lab}	84.06, 17.98, -22.44
CIE _{LCh}	84, 28.752, 308.710
Yxy	64.1841, 0.2947, 0.2743
Android (android.graphics.Color)	4292921596 (0xFFE0C8FC)
YUV	213.1040, 19.1757, 9.5558
Hunter-Lab	80.1150, 13.4395, -18.5552

Details

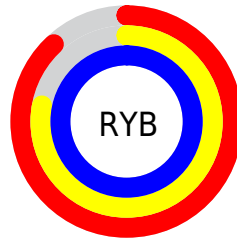
The Yxy color **64.1841, 0.2947, 0.2743** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.2956, 0.3279, 0.3833**, and the grayscale version is **66.4827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.8227, 0.2899, 0.2623** is the 20% darker color. If you saturate the color by 10%, you get **51.3741, 0.2838, 0.2449**, and if you desaturate by 10%, it is **79.0969, 0.3042, 0.3020**.

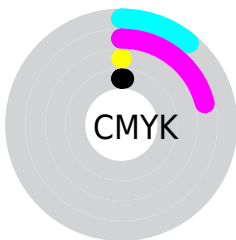
Distribution



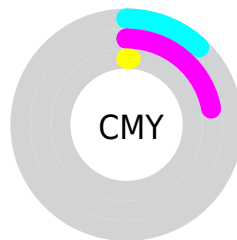
- Red (88%)
- Green (78%)
- Blue (99%)



- Red (88%)
- Yellow (78%)
- Blue (99%)



- Cyan (11%)
- Magenta (21%)
- Yellow (0%)
- Black (1%)



- Cyan (12%)
- Magenta (22%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.1841, 0.2947, 0.2743 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 64.1841, 0.2947, 0.2743 by changing the saturation by 10% instead.

64.1841, 0.2947,
0.2743

64.1841, 0.2947,
0.2743

439.8542, 0.3035,
0.2992

46.7998, 0.2926,
0.2687

110.8760, 0.2978,
0.2828

32.8774, 0.2899,
0.2619

140.9524, 0.2990,
0.2862

22.0326, 0.2865,
0.2534

176.0284, 0.3000,
0.2891

13.8808, 0.2819,
0.2425

216.4882, 0.3009,
0.2916

8.0378, 0.2755,
0.2280

262.7162, 0.3017,
0.2938

4.1192, 0.2659,
0.2078

315.0970, 0.3024,

1.7404, 0.2503,

0.2958

0.1784

374.0148, 0.3030,
0.2976

0.4496, 0.2257,
0.1171

0.0000, 0.0000,
0.0000

64.1841, 0.2947,
0.2743

64.1841, 0.2947,
0.2743

51.3741, 0.2838,
0.2449

79.0969, 0.3042,
0.3020

40.5604, 0.2716,
0.2144

96.1958, 0.3122,
0.3275

31.6397, 0.2583,
0.1840

99.8084, 0.3144,
0.3319

24.4954, 0.2442,
0.1552

■ 18.9977, 0.2299,
0.1295

■ 14.9982, 0.2161,
0.1084

■ 12.3203, 0.2035,
0.0931

■ 10.7484, 0.1930,
0.0837

Harmonies

Analogous

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



64.1841, 0.2647, 0.2703



64.1841, 0.2947, 0.2743



64.1841, 0.3313, 0.2909

Triad

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



64.1841, 0.2947, 0.2743



64.1841, 0.3814, 0.3735



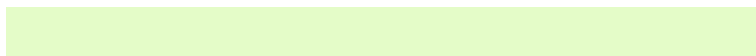
64.1841, 0.2628, 0.3392

Complementary

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



64.1841, 0.2947, 0.2743



90.2956, 0.3279, 0.3833

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.



64.1841, 0.2918, 0.3722



64.1841, 0.2947, 0.2743



64.1841, 0.3606, 0.3912

Square

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



64.1841, 0.2947, 0.2743



64.1841, 0.3830, 0.3461



64.1841, 0.3276, 0.3916



64.1841, 0.2472, 0.3053

Rectangle

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



64.1841, 0.2947, 0.2743



64.1841, 0.3544, 0.3073



64.1841, 0.3276, 0.3916



64.1841, 0.2712, 0.3509

Sweetspot

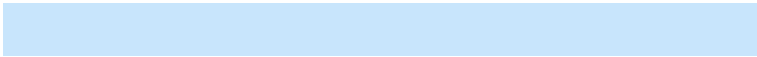
The Sweet Spot groups the original color and five complimentary colors.



64.1868, 0.2947, 0.2743



89.0922, 0.3081, 0.3141



75.1325, 0.2802, 0.3037



18.8260, 0.3075, 0.3124



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.



64.1868, 0.2947, 0.2743



59.9034, 0.2901, 0.2616



68.5586, 0.3132, 0.2773



17.0348, 0.3051, 0.3050



5.6843, 0.1948, 0.0847



0.5887, 0.2079, 0.0919

Inverse Universe

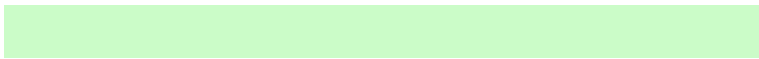
The Inverse Universe completely reimagines the original color for something new.



67.6165, 0.3325, 0.3006



64.1014, 0.3378, 0.2942



86.4358, 0.3116, 0.3861



17.3818, 0.3209, 0.3163



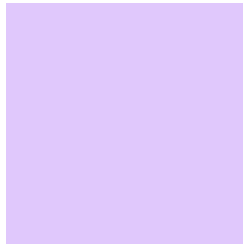
11.7351, 0.4796, 0.2416



1.1083, 0.4554, 0.2282

Previews

White Background



This preview shows how the Yxy color 64.1841, 0.2947, 0.2743 looks on a white background.

Color Contrast Check

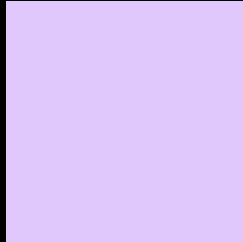
Large Text (above 18pt) WCAG AA × Fail

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 64.1841, 0.2947, 0.2743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

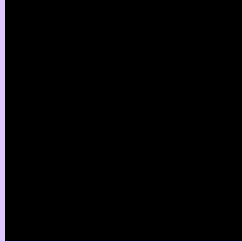
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.1841, 0.2947, 0.2743

Background



This preview shows how black text looks on a background with the Yxy color 64.1841, 0.2947, 0.2743.

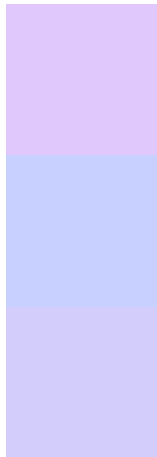


This preview shows how white text looks on a background with the Yxy color 64.1841, 0.2947, 0.2743.

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

64.1841, 0.2947, 0.2743

Protanopia

64.4739, 0.2762, 0.2775

Deuteranopia

64.3293, 0.2857, 0.2792



Tritanopia

63.9966, 0.3113, 0.3102

Trichromacy



Original Color

64.1841, 0.2947, 0.2743

Protanomaly

64.2283, 0.2825, 0.2761

Deuteranomaly

64.1240, 0.2891, 0.2775

Tritanomaly

63.9672, 0.3053, 0.2964

Monochromacy



Original Color

64.1841, 0.2947, 0.2743

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.4095, 0.3063, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1841, 0.2947, 0.2743 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(224, 200, 252)` looks like.

```
.text, #text, p{  
    color:rgb(224, 200, 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(224, 200, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 200, 252) }
```

Border

The CSS property to change the border of an element to Yxy 64.1841, 0.2947, 0.2743 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(224, 200, 252) }
```

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

```
.border{ border-color:rgb(224, 200, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 200, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 200, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 200, 252);  
box-shadow:4px 4px 4px 4px rgb(224, 200,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1841, 0.2947, 0.2743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 200, 252) }
```

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

```
.background{ background-color: rgb(224,  
200, 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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