

Converting Colors

$Yxy(64.7211, 0.2977, 0.2911)$

Have a look what the booklet for
Yxy(64.7211, 0.2977, 0.2911)
contains.

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Color

Yxy(64.7056, 0.2977, 0.2910)

Conversions

Conversions Part 1

Format	Color
Hex	D9CDF0
RGB	217, 205, 240
RGB Percent	85%, 80%, 94%
CMY	0.1487, 0.1962, 0.0587
CMYK	0.10, 0.15, 0.00, 0.06
HSL	261°, 54%, 87%
HSV	261°, 15%, 94%
XYZ	66.1954, 64.7056, 91.4550
YIQ	212.5780, -4.0830, 13.4290

Conversions

Conversions Part 2

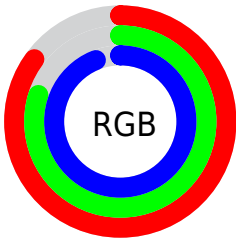
Format	Color
R _Y B	217, 205, 240
Decimal	14274032
CIE Lab	84.33, 10.74, -15.72
CIE LCh	84, 19.034, 304.334
Yxy	64.7056, 0.2977, 0.2910
Android (android.graphics.Color)	4292464112 (0xFFD9CDF0)
YUV	212.5780, 13.5190, 3.8781
Hunter-Lab	80.4398, 6.1213, -11.1012

Details

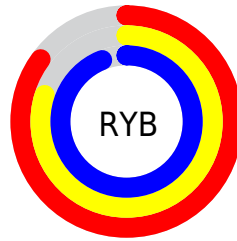
The Yxy color **64.7056, 0.2977, 0.2910** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.2199, 0.3263, 0.3662**, and the grayscale version is **66.1620, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.2753, 0.2938, 0.2824** is the 20% darker color. If you saturate the color by 10%, you get **51.7991, 0.2855, 0.2620**, and if you desaturate by 10%, it is **79.6081, 0.3083, 0.3176**.

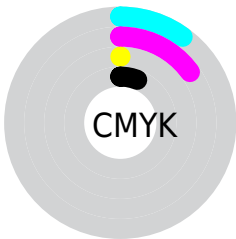
Distribution



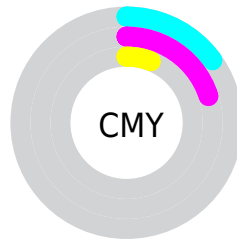
- Red (85%)
- Green (80%)
- Blue (94%)



- Red (85%)
- Yellow (80%)
- Blue (94%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.7056, 0.2977, 0.2910 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 64.7056, 0.2977, 0.2910 by changing the saturation by 10% instead.

■ 64.7056, 0.2977,
0.2910

■ 64.7056, 0.2977,
0.2910

441.7333, 0.3049,
0.3085

■ 47.2224, 0.2960,
0.2870

111.6265, 0.3003,
0.2971

■ 33.2115, 0.2939,
0.2821

141.8330, 0.3012,
0.2994

■ 22.2885, 0.2911,
0.2759

177.0494, 0.3021,
0.3015

■ 14.0691, 0.2874,
0.2678

217.6600, 0.3028,
0.3032

■ 8.1687, 0.2822,
0.2569

264.0493, 0.3034,
0.3048

■ 4.2031, 0.2745,
0.2413

316.6017, 0.3040,

■ 1.7878, 0.2618,

0.3062

0.2174

375.7016, 0.3045,
0.3074

0.4796, 0.2410,
0.1610

0.0000, 0.0000,
0.0000

64.7056, 0.2977,
0.2910

64.7056, 0.2977,
0.2910

51.7991, 0.2855,
0.2620

79.6081, 0.3083,
0.3176

40.7940, 0.2716,
0.2311

96.5794, 0.3175,
0.3416

31.6003, 0.2564,
0.1991

99.0726, 0.3214,
0.3434

24.1170, 0.2401,
0.1675

■ 18.2331, 0.2235,
0.1379

■ 13.8242, 0.2074,
0.1123

■ 10.7463, 0.1928,
0.0922

■ 8.8242, 0.1804,
0.0787

■ 8.1282, 0.1747,
0.0736

Harmonies

Analogous

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



64.7056, 0.2784, 0.2900



64.7056, 0.2977, 0.2910



64.7056, 0.3217, 0.3012

Triad

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



64.7056, 0.2977, 0.2910



64.7056, 0.3590, 0.3569



64.7056, 0.2819, 0.3393

Complementary

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



64.7056, 0.2977, 0.2910



83.2199, 0.3263, 0.3662

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.



64.7056, 0.3026, 0.3594



64.7056, 0.2977, 0.2910



64.7056, 0.3473, 0.3691

Square

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



64.7056, 0.2977, 0.2910



64.7056, 0.3578, 0.3383



64.7056, 0.3265, 0.3704



64.7056, 0.2696, 0.3170

Rectangle

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



64.7056, 0.2977, 0.2910



64.7056, 0.3372, 0.3120



64.7056, 0.3265, 0.3704



64.7056, 0.2881, 0.3467

Sweetspot

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



64.7083, 0.2977, 0.2910



92.4196, 0.3089, 0.3191



74.9425, 0.2901, 0.3162



19.4857, 0.3082, 0.3172



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.



64.7083, 0.2977, 0.2910



68.8708, 0.2936, 0.2812



67.4668, 0.3101, 0.2924



15.4942, 0.3034, 0.3050



4.5150, 0.1762, 0.0745



0.4288, 0.1906, 0.0824

Inverse Universe

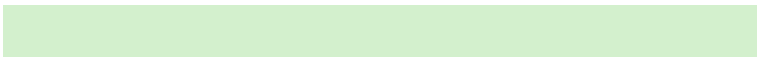
The Inverse Universe completely reimagines the original color for something new.



67.7770, 0.3230, 0.3051



73.1504, 0.3258, 0.2992



80.5618, 0.3147, 0.3675



15.9332, 0.3191, 0.3137



11.5012, 0.4321, 0.2154



0.9754, 0.4136, 0.2052

Previews

White Background



This preview shows how the Yxy color 64.7056, 0.2977, 0.2910 looks on a white background.

Color Contrast Check

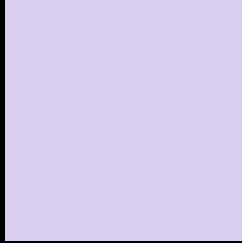
Large Text (above 18pt) WCAG AA × Fail

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 64.7056, 0.2977, 0.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

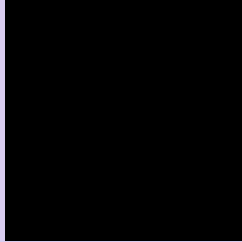
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

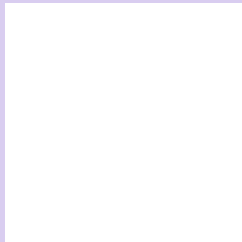
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.7056, 0.2977, 0.2910

Background



This preview shows how black text looks on a background with the Yxy color 64.7056, 0.2977, 0.2910.



This preview shows how white text looks on a background with the Yxy color 64.7056, 0.2977, 0.2910.

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

64.7056, 0.2977, 0.2910

Protanopia

64.8491, 0.2874, 0.2925

Deuteranopia

64.7056, 0.2977, 0.2910



Tritanopia

64.7897, 0.3062, 0.3112

Trichromacy



Original Color

64.7056, 0.2977, 0.2910

Protanomaly

65.0179, 0.2914, 0.2927

Deuteranomaly

64.7056, 0.2977, 0.2910

Tritanomaly

64.7859, 0.3029, 0.3036

Monochromacy



Original Color

64.7056, 0.2977, 0.2910

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.7170, 0.3068, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7056, 0.2977, 0.2910 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(217, 205, 240)` looks like.

```
.text, #text, p{  
    color:rgb(217, 205, 240)  
}
```

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(217, 205, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 205, 240) }
```

Border

The CSS property to change the border of an element to Yxy 64.7056, 0.2977, 0.2910 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(217, 205, 240) }
```

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

```
.border{ border-color:rgb(217, 205, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 205, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 205, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 205, 240);  
box-shadow:4px 4px 4px 4px rgb(217, 205,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7056, 0.2977, 0.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 205, 240) }
```

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

```
.background{ background-color: rgb(217,  
205, 240) }
```

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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