

Converting Colors

$Y_{xy}(41.4019, 0.31111, 0.2741)$

Have a look what the booklet for
Yxy(41.4019, 0.3111, 0.2741)
contains.

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Color

Yxy(41.2980, 0.3107, 0.2739)

Conversions

Conversions Part 1

Format	Color
Hex	C79FCC
RGB	199, 159, 204
RGB Percent	78%, 62%, 80%
CMY	0.2197, 0.3764, 0.2000
CMYK	0.02, 0.22, 0.00, 0.20
HSL	293°, 31%, 71%
HSV	293°, 22%, 80%
XYZ	46.8466, 41.2980, 62.6330
YIQ	176.0900, 9.3950, 22.4750

Conversions

Conversions Part 2

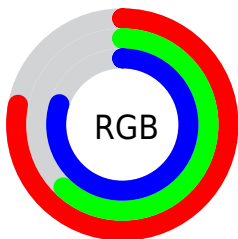
Format	Color
R _Y B	199, 159, 204
Decimal	13082572
CIE Lab	70.38, 22.61, -17.39
CIE LCh	70, 28.528, 322.430
Yxy	41.2980, 0.3107, 0.2739
Android (android.graphics.Color)	4291272652 (0xFFC79FCC)
YUV	176.0900, 13.7596, 20.0921
Hunter-Lab	64.2635, 17.6612, -12.8012

Details

The Yxy color $41.2980, 0.3107, 0.2739$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $53.5898, 0.3137, 0.3894$, and the grayscale version is $43.3890, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.5731, 0.3146, 0.2891$, and $18.7371, 0.3097, 0.2586$ is the 20% darker color. If you saturate the color by 10%, you get $34.5427, 0.3093, 0.2483$, and if you desaturate by 10%, it is $49.2195, 0.3118, 0.2994$.

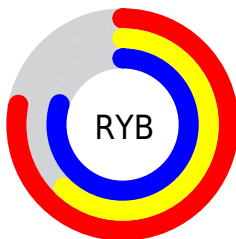
Distribution



Red (78%)

Green (62%)

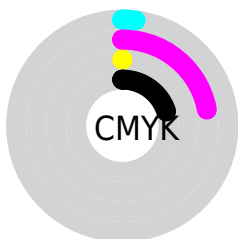
Blue (80%)



Red (78%)

Yellow (62%)

Blue (80%)

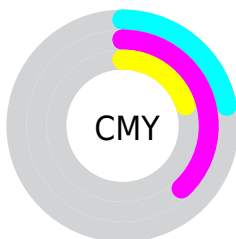


Cyan (2%)

Magenta (22%)

Yellow (0%)

Black (20%)



Cyan (22%)


Magenta (38%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2980, 0.3107, 0.2739 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 41.2980, 0.3107, 0.2739 by changing the saturation by 10% instead.

 41.2980, 0.3107,
0.2739


 41.2980, 0.3107,
0.2739


351.5646, 0.3122,
0.3008

 28.5520, 0.3102,
0.2674


 77.1361, 0.3113,
0.2835

 18.7422, 0.3095,
0.2592


 100.9969, 0.3116,
0.2872

 11.4841, 0.3083,
0.2484


129.3315, 0.3117,
0.2903

 6.3935, 0.3066,
0.2339

162.5243, 0.3119,
0.2930

 3.0858, 0.3034,
0.2131

200.9596, 0.3120,
0.2953

 1.1767, 0.2970,
0.1814

245.0218, 0.3120,

 0.0425, 0.3071,

0.2974

0.0220

295.0953, 0.3121,
0.2992

0.0000, 0.0000,
0.0000

41.2980, 0.3107,
0.2739

41.2980, 0.3107,
0.2739

34.5427, 0.3093,
0.2483

49.2195, 0.3118,
0.2994

28.8915, 0.3076,
0.2235

58.3547, 0.3126,
0.3241

24.2846, 0.3055,
0.2004

68.7550, 0.3131,
0.3475

20.6543, 0.3032,
0.1800

80.4673, 0.3135,
0.3694

17.9252, 0.3006,
0.1633

89.6372, 0.3140,
0.3838

■ 16.0105, 0.2978,
0.1508

■ 89.9751, 0.3155,
0.3836

■ 14.8065, 0.2950,
0.1426

■ 90.3177, 0.3169,
0.3833

■ 14.2090, 0.2927,
0.1386

■ 90.6651, 0.3183,
0.3831

■ 91.0174, 0.3198,
0.3829

Harmonies

Analogous

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



41.2980, 0.2719, 0.2623



41.2980, 0.3107, 0.2739



41.2980, 0.3526, 0.2979

Triad

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



41.2980, 0.3107, 0.2739



41.2980, 0.3829, 0.3909



41.2980, 0.2453, 0.3218

Complementary

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



41.2980, 0.3107, 0.2739



53.5898, 0.3137, 0.3894

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.



41.2980, 0.2719, 0.3625



41.2980, 0.3107, 0.2739



41.2980, 0.3511, 0.4038

Square

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



41.2980, 0.3107, 0.2739



41.2980, 0.3957, 0.3631



41.2980, 0.3104, 0.3940



41.2980, 0.2361, 0.2868

Rectangle

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



41.2980, 0.3107, 0.2739



41.2980, 0.3759, 0.3185



41.2980, 0.3104, 0.3940



41.2980, 0.2524, 0.3354

Sweetspot

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



41.2998, 0.3107, 0.2739



88.7589, 0.3122, 0.3118



38.3769, 0.2763, 0.2753



18.8010, 0.3122, 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.



41.2998, 0.3107, 0.2739



63.3680, 0.3101, 0.2629



41.2165, 0.3307, 0.2947



11.3376, 0.3120, 0.3060



8.9680, 0.2931, 0.1388



0.4812, 0.2989, 0.1420

Inverse Universe

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



40.3208, 0.3523, 0.3227



61.5168, 0.3624, 0.3214



53.7064, 0.2982, 0.3660



11.2337, 0.3273, 0.3264



8.1254, 0.6254, 0.3219



0.4262, 0.5862, 0.3003

Previews

White Background



This preview shows how the Yxy color 41.2980, 0.3107, 0.2739 looks on a white background.

Color Contrast Check

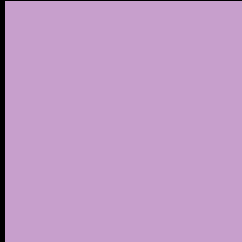
Large Text (above 18pt) WCAG AA × Fail

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 41.2980, 0.3107, 0.2739 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 41.2980, 0.3107, 0.2739

Background



This preview shows how black text looks on a background with the Yxy color 41.2980, 0.3107, 0.2739.



This preview shows how white text looks on a background with the Yxy color 41.2980, 0.3107, 0.2739.

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

41.2980, 0.3107, 0.2739

Protanopia

41.6658, 0.2745, 0.2753

Deuteranopia

41.3835, 0.2913, 0.2847



Tritanopia

41.3273, 0.3304, 0.3123

Trichromacy



Original Color

41.2980, 0.3107, 0.2739

Protanomaly

41.4710, 0.2868, 0.2751

Deuteranomaly

41.4124, 0.2981, 0.2806

Tritanomaly

41.1643, 0.3226, 0.2974

Monochromacy



Original Color

41.2980, 0.3107, 0.2739

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.4850, 0.3119, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2980, 0.3107, 0.2739 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(199, 159, 204)` looks like.

```
.text, #text, p{  
    color:rgb(199, 159, 204)  
}
```

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(199, 159, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 159, 204) }
```

Border

The CSS property to change the border of an element to Yxy 41.2980, 0.3107, 0.2739 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(199, 159, 204) }
```

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

```
.border{ border-color:rgb(199, 159, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 159, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 159, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 159, 204);  
box-shadow:4px 4px 4px 4px rgb(199, 159,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2980, 0.3107, 0.2739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 159, 204) }
```

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

```
.background{ background-color: rgb(199,  
159, 204) }
```

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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