

Converting Colors

$Yxy(41.9351, 0.2796, 0.2751)$

Have a look what the booklet for
Yxy(41.9351, 0.2796, 0.2751)
contains.

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Color

Yxy(41.9379, 0.2791, 0.2747)

Conversions

Conversions Part 1

Format	Color
Hex	A9AAD4
RGB	169, 170, 212
RGB Percent	66%, 67%, 83%
CMY	0.3375, 0.3332, 0.1687
CMYK	0.20, 0.20, 0.00, 0.17
HSL	239°, 33%, 75%
HSV	239°, 20%, 83%
XYZ	42.6096, 41.9379, 68.1205
YIQ	174.4890, -14.0780, 12.8500

Conversions

Conversions Part 2

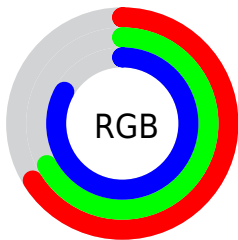
Format	Color
RYB	169, 170, 212
Decimal	11119316
CIELab	70.83, 8.41, -21.35
CIElCh	71, 22.949, 291.505
Yxy	41.9379, 0.2791, 0.2747
Android (android.graphics.Color)	4289309396 (0xFFA9AAD4)
YUV	174.4890, 18.4929, -4.8139
Hunter-Lab	64.7595, 4.1181, -17.0355

Details

The Yxy color $41.9379, 0.2791, 0.2747$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $63.3968, 0.3433, 0.3781$, and the grayscale version is $42.4974, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.0780, 0.2940, 0.2981$, and $19.1042, 0.2692, 0.2602$ is the 20% darker color. If you saturate the color by 10%, you get $32.6321, 0.2597, 0.2431$, and if you desaturate by 10%, it is $52.8455, 0.2967, 0.3032$.

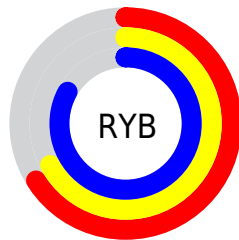
Distribution



Red (66%)

Green (67%)

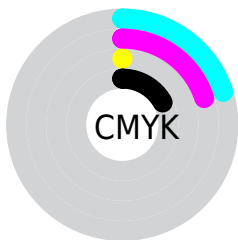
Blue (83%)



Red (66%)

Yellow (67%)

Blue (83%)

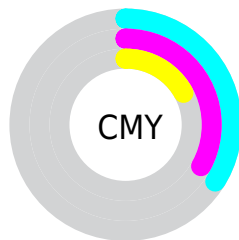


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (17%)



Cyan (34%)

Magenta (33%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.9379, 0.2791, 0.2747 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 41.9379, 0.2791, 0.2747 by changing the saturation by 10% instead.

■ 41.9379, 0.2791,
0.2747

■ 41.9379, 0.2791,
0.2747

■ 354.2254, 0.2962,
0.3015

■ 29.0527, 0.2748,
0.2681

■ 78.1056, 0.2854,
0.2844

■ 19.1207, 0.2692,
0.2598

■ 102.1569, 0.2877,
0.2880

■ 11.7575, 0.2617,
0.2488

■ 130.6990, 0.2897,
0.2911

■ 6.5788, 0.2513,
0.2339

■ 164.1163, 0.2914,
0.2938

■ 3.2001, 0.2357,
0.2124

■ 202.7932, 0.2928,
0.2961

■ 1.2371, 0.2105,
0.1794

■ 247.1141, 0.2941,

■ 0.0917, 0.1378,

0.2981

0.0432

297.4634, 0.2952,
0.2999

0.0000, 0.0000,
0.0000

41.9379, 0.2791,
0.2747

41.9379, 0.2791,
0.2747

32.6321, 0.2597,
0.2431

52.8455, 0.2967,
0.3032

24.8478, 0.2389,
0.2092

65.4198, 0.3123,
0.3283

18.5057, 0.2175,
0.1742

79.7285, 0.3259,
0.3502

13.5172, 0.1970,
0.1402

95.8339, 0.3377,
0.3691

9.7840, 0.1788,
0.1099

97.5323, 0.3382,
0.3711

■ 7.1943, 0.1645,
0.0857

■ 5.6170, 0.1551,
0.0695

■ 4.8671, 0.1504,
0.0613

Harmonies

Analogous

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



41.9379, 0.2578, 0.2787



41.9379, 0.2791, 0.2747



41.9379, 0.3103, 0.2837

Triad

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



41.9379, 0.2791, 0.2747



41.9379, 0.3791, 0.3564



41.9379, 0.2809, 0.3566

Complementary

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



41.9379, 0.2791, 0.2747



63.3968, 0.3433, 0.3781

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.



41.9379, 0.3123, 0.3808



41.9379, 0.2791, 0.2747



41.9379, 0.3697, 0.3786

Square

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



41.9379, 0.2791, 0.2747



41.9379, 0.3695, 0.3292



41.9379, 0.3449, 0.3885



41.9379, 0.2588, 0.3247

Rectangle

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



41.9379, 0.2791, 0.2747



41.9379, 0.3330, 0.2957



41.9379, 0.3449, 0.3885



41.9379, 0.2907, 0.3661

Sweetspot

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



41.9396, 0.2791, 0.2747



88.0611, 0.3035, 0.3142



60.1850, 0.2835, 0.3307



18.5829, 0.3025, 0.3125



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.



41.9396, 0.2791, 0.2747



57.8398, 0.2716, 0.2626



43.9318, 0.2955, 0.2759



12.0578, 0.2981, 0.3055



3.0271, 0.1505, 0.0617



0.2005, 0.1520, 0.0671

Inverse Universe

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



45.2537, 0.3519, 0.3278



63.7095, 0.3618, 0.3276



61.1311, 0.3274, 0.3819



12.4258, 0.3287, 0.3285



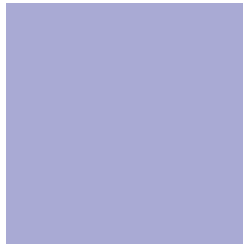
8.6504, 0.6372, 0.3284



0.5236, 0.6281, 0.3234

Previews

White Background



This preview shows how the Yxy color 41.9379, 0.2791, 0.2747 looks on a white background.

Color Contrast Check

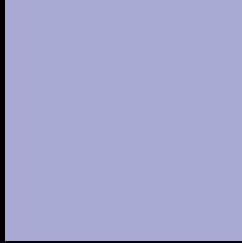
Large Text (above 18pt) WCAG AA × Fail

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 41.9379, 0.2791, 0.2747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

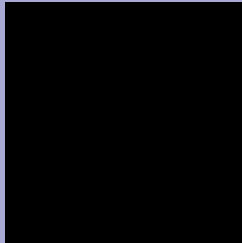
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9379, 0.2791, 0.2747

Background



This preview shows how black text looks on a background with the Yxy color 41.9379, 0.2791, 0.2747.



This preview shows how white text looks on a background with the Yxy color 41.9379, 0.2791, 0.2747.

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

41.9379, 0.2791, 0.2747

Protanopia

42.2017, 0.2747, 0.2756

Deuteranopia

42.0490, 0.2799, 0.2748



Tritanopia

41.9023, 0.2939, 0.3099

Trichromacy



Original Color

41.9379, 0.2791, 0.2747

Protanomaly

42.0369, 0.2762, 0.2744

Deuteranomaly

42.0490, 0.2799, 0.2748

Tritanomaly

42.0253, 0.2878, 0.2969

Monochromacy



Original Color

41.9379, 0.2791, 0.2747

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.2886, 0.2997, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9379, 0.2791, 0.2747 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(169, 170, 212)` looks like.

```
.text, #text, p{  
    color:rgb(169, 170, 212)  
}
```

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(169, 170, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 170, 212) }
```

Border

The CSS property to change the border of an element to Yxy 41.9379, 0.2791, 0.2747 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(169, 170, 212) }
```

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

```
.border{ border-color:rgb(169, 170, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 170, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 170, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 170, 212);  
box-shadow:4px 4px 4px 4px rgb(169, 170,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9379, 0.2791, 0.2747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 170, 212) }
```

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

```
.background{ background-color: rgb(169,  
170, 212) }
```

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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