

Converting Colors

$Yxy(42.3974, 0.2734, 0.2789)$

Have a look what the booklet for
Yxy(42.3974, 0.2734, 0.2789)
contains.

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Color

Yxy(42.6026, 0.2733, 0.2791)

Conversions

Conversions Part 1

Format	Color
Hex	A1AED4
RGB	161, 174, 212
RGB Percent	63%, 68%, 83%
CMY	0.3687, 0.3176, 0.1686
CMYK	0.24, 0.18, 0.00, 0.17
HSL	225°, 37%, 73%
HSV	225°, 24%, 83%
XYZ	41.7173, 42.6026, 68.3229
YIQ	174.4450, -19.9460, 9.0620

Conversions

Conversions Part 2

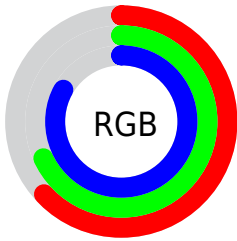
Format	Color
RYB	161, 171, 212
Decimal	10596052
CIELab	71.28, 3.76, -20.73
CIELCh	71, 21.071, 280.267
Yxy	42.6026, 0.2733, 0.2791
Android (android.graphics.Color)	4288786132 (0xFFA1AED4)
YUV	174.4450, 18.5146, -11.7913
Hunter-Lab	65.2707, -0.1367, -16.3731

Details

The Yxy color $42.6026, 0.2733, 0.2791$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $57.4201, 0.3521, 0.3744$, and the grayscale version is $42.4790, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.8576, 0.2884, 0.3018$, and $19.5415, 0.2619, 0.2661$ is the 20% darker color. If you saturate the color by 10%, you get $34.8372, 0.2550, 0.2544$, and if you desaturate by 10%, it is $51.4625, 0.2906, 0.3015$.

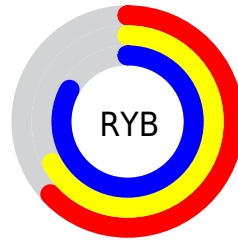
Distribution



Red (63%)

Green (68%)

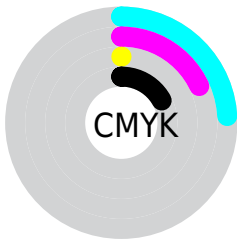
Blue (83%)



Red (63%)

Yellow (67%)

Blue (83%)

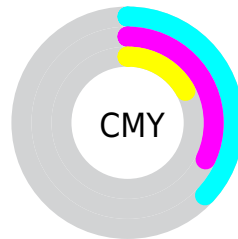


Cyan (24%)

Magenta (18%)

Yellow (0%)

Black (17%)



Cyan (37%)

Magenta (32%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.6026, 0.2733, 0.2791 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 42.6026, 0.2733, 0.2791 by changing the saturation by 10% instead.

■ 42.6026, 0.2733,
0.2791

■ 42.6026, 0.2733,
0.2791

356.9749, 0.2931,
0.3039

■ 29.5734, 0.2683,
0.2730

■ 79.1108, 0.2805,
0.2881

■ 19.5150, 0.2620,
0.2652

■ 103.3587, 0.2832,
0.2915

■ 12.0430, 0.2535,
0.2549

132.1149, 0.2855,
0.2943

■ 6.7730, 0.2418,
0.2408

165.7638, 0.2875,
0.2968

■ 3.3205, 0.2245,
0.2204

204.6899, 0.2892,
0.2989

■ 1.3013, 0.1970,
0.1887

249.2775, 0.2907,

■ 0.1422, 0.1067,

0.3008

0.0669

299.9110, 0.2920,
0.3024

0.0000, 0.0000,
0.0000

42.6026, 0.2733,
0.2791

42.6026, 0.2733,
0.2791

34.8372, 0.2550,
0.2544

51.4625, 0.2906,
0.3015

28.1175, 0.2363,
0.2277

61.4527, 0.3066,
0.3215

22.3986, 0.2176,
0.1998

72.6138, 0.3212,
0.3392

17.6302, 0.1999,
0.1715

84.9829, 0.3345,
0.3547

13.7570, 0.1841,
0.1443

96.2483, 0.3385,
0.3692

■ 10.7177, 0.1713,
0.1196

■ 97.5344, 0.3381,
0.3710

■ 8.4417, 0.1620,
0.0987

■ 7.4002, 0.1579,
0.0885

Harmonies

Analogous

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



42.6026, 0.2582, 0.2877



42.6026, 0.2733, 0.2791



42.6026, 0.2992, 0.2830

Triad

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



42.6026, 0.2733, 0.2791



42.6026, 0.3720, 0.3452



42.6026, 0.2938, 0.3637

Complementary

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



42.6026, 0.2733, 0.2791



57.4201, 0.3521, 0.3744

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.



42.6026, 0.3240, 0.3807



42.6026, 0.2733, 0.2791



42.6026, 0.3699, 0.3679

Square

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



42.6026, 0.2733, 0.2791



42.6026, 0.3572, 0.3199



42.6026, 0.3520, 0.3816



42.6026, 0.2696, 0.3362

Rectangle

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



42.6026, 0.2733, 0.2791



42.6026, 0.3197, 0.2917



42.6026, 0.3520, 0.3816



42.6026, 0.3036, 0.3709

Sweetspot

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



42.6043, 0.2733, 0.2791



88.5780, 0.3019, 0.3158



58.7680, 0.2857, 0.3463



18.7574, 0.3009, 0.3146



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.



42.6043, 0.2733, 0.2791



58.3180, 0.2638, 0.2664



39.1125, 0.2816, 0.2632



12.5184, 0.2982, 0.3111



4.7048, 0.1586, 0.0907



0.4177, 0.1680, 0.1246

Inverse Universe

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



42.5417, 0.3500, 0.3132



58.4941, 0.3608, 0.3095



61.9634, 0.3393, 0.3906



12.4723, 0.3251, 0.3231



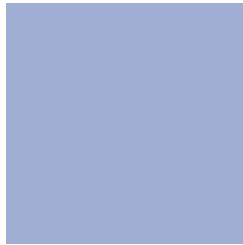
8.8198, 0.5900, 0.3024



0.5455, 0.5401, 0.2749

Previews

White Background



This preview shows how the Yxy color 42.6026, 0.2733, 0.2791 looks on a white background.

Color Contrast Check

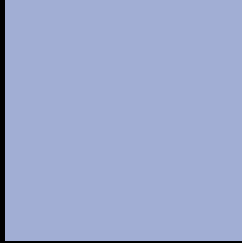
Large Text (above 18pt) WCAG AA × Fail

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 42.6026, 0.2733, 0.2791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

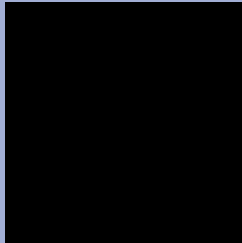
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.6026, 0.2733, 0.2791

Background



This preview shows how black text looks on a background with the Yxy color 42.6026, 0.2733, 0.2791.



This preview shows how white text looks on a background with the Yxy color 42.6026, 0.2733, 0.2791.

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

42.6026, 0.2733, 0.2791

Protanopia

42.6973, 0.2777, 0.2795

Deuteranopia

42.7006, 0.2809, 0.2752



Tritanopia

42.8147, 0.2846, 0.3098

Trichromacy



Original Color

42.6026, 0.2733, 0.2791

Protanomaly

42.4828, 0.2762, 0.2793

Deuteranomaly

42.6340, 0.2778, 0.2760

Tritanomaly

42.8369, 0.2803, 0.2992

Monochromacy



Original Color

42.6026, 0.2733, 0.2791

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.3380, 0.2972, 0.3101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6026, 0.2733, 0.2791 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(161, 174, 212)` looks like.

```
.text, #text, p{  
    color:rgb(161, 174, 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(161, 174, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 174, 212) }
```

Border

The CSS property to change the border of an element to Yxy 42.6026, 0.2733, 0.2791 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(161, 174, 212) }
```

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

```
.border{ border-color:rgb(161, 174, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 174, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 174, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 174, 212);  
box-shadow:4px 4px 4px 4px rgb(161, 174,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6026, 0.2733, 0.2791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 174, 212) }
```

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

```
.background{ background-color: rgb(161,  
174, 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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