

Converting Colors

$Yxy(41.4183, 0.2797, 0.3028)$

Have a look what the booklet for
Yxy(41.4183, 0.2797, 0.3028)
contains.

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Color

Yxy(41.3273, 0.2798, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	99AFC2
RGB	153, 175, 194
RGB Percent	60%, 69%, 76%
CMY	0.4001, 0.3137, 0.2392
CMYK	0.21, 0.10, 0.00, 0.24
HSL	208°, 25%, 68%
HSV	208°, 21%, 76%
XYZ	38.2008, 41.3273, 57.0008
YIQ	170.5880, -19.2110, 1.2450

Conversions

Conversions Part 2

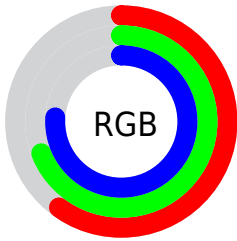
Format	Color
R_{YB}	153, 167, 194
Decimal	10072002
CIE Lab	70.40, -3.44, -12.22
CIE LCh	70, 12.692, 254.257
Yxy	41.3273, 0.2798, 0.3027
Android (android.graphics.Color)	4288262082 (0xFF99AFC2)
YUV	170.5880, 11.5421, -15.4247
Hunter-Lab	64.2863, -6.4312, -7.5703

Details

The Yxy color **41.3273, 0.2798, 0.3027** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.2604, 0.3497, 0.3539**, and the grayscale version is **40.4547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9057, 0.2863, 0.3076**, and **18.8261, 0.2704, 0.2962** is the 20% darker color. If you saturate the color by 10%, you get **36.2120, 0.2638, 0.2882**, and if you desaturate by 10%, it is **46.9853, 0.2956, 0.3159**.

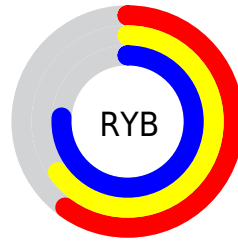
Distribution



Red (60%)

Green (69%)

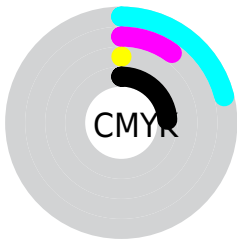
Blue (76%)



Red (60%)

Yellow (65%)

Blue (76%)

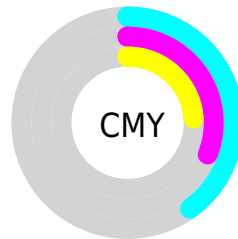


Cyan (21%)

Magenta (10%)

Yellow (0%)

Black (24%)



Cyan (40%)

Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3273, 0.2798, 0.3027 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 41.3273, 0.2798, 0.3027 by changing the saturation by 10% instead.

■ 41.3273, 0.2798,
0.3027

■ 41.3273, 0.2798,
0.3027

■ 351.6867, 0.2964,
0.3162

■ 28.5749, 0.2756,
0.2993

■ 77.1805, 0.2859,
0.3077

■ 18.7595, 0.2702,
0.2948

■ 101.0501, 0.2882,
0.3095

■ 11.4966, 0.2629,
0.2887

■ 129.3942, 0.2901,
0.3110

■ 6.4019, 0.2527,
0.2801

■ 162.5973, 0.2917,
0.3124

■ 3.0910, 0.2374,
0.2670

■ 201.0437, 0.2931,
0.3135

■ 1.1794, 0.2120,
0.2446

■ 245.1178, 0.2944,

■ 0.0448, 0.0000,

0.3145

0.0473

295.2040, 0.2955,
0.3154

0.0000, 0.0000,
0.0000

41.3273, 0.2798,
0.3027

41.3273, 0.2798,
0.3027

36.2120, 0.2638,
0.2882

46.9853, 0.2956,
0.3159

31.6152, 0.2480,
0.2725

53.1992, 0.3110,
0.3277

27.5177, 0.2327,
0.2558

59.9878, 0.3257,
0.3383

23.8973, 0.2185,
0.2382

67.3676, 0.3397,
0.3477

20.7295, 0.2058,
0.2203

75.3542, 0.3529,
0.3559

■ 17.9868, 0.1950,
0.2023

■ 81.1331, 0.3547,
0.3644

■ 15.6371, 0.1865,
0.1847

■ 86.2288, 0.3527,
0.3731

■ 13.8354, 0.1805,
0.1698

■ 91.5853, 0.3507,
0.3815

■ 96.6750, 0.3490,
0.3890

Harmonies

Analogous

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



41.3273, 0.2778, 0.3147



41.3273, 0.2798, 0.3027



41.3273, 0.2904, 0.2980

Triad

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



41.3273, 0.2798, 0.3027



41.3273, 0.3414, 0.3258



41.3273, 0.3174, 0.3590

Complementary

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



41.3273, 0.2798, 0.3027



43.2604, 0.3497, 0.3539

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.



41.3273, 0.3349, 0.3613



41.3273, 0.2798, 0.3027



41.3273, 0.3490, 0.3416

Square

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



41.3273, 0.2798, 0.3027



41.3273, 0.3259, 0.3112



41.3273, 0.3466, 0.3547



41.3273, 0.2991, 0.3478

Rectangle

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



41.3273, 0.2798, 0.3027



41.3273, 0.3011, 0.2993



41.3273, 0.3466, 0.3547



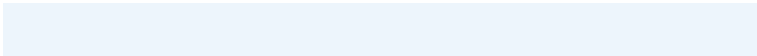
41.3273, 0.3236, 0.3608

Sweetspot

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



41.3290, 0.2798, 0.3027



90.6840, 0.3034, 0.3220



48.3099, 0.2969, 0.3603



19.6949, 0.3024, 0.3212



0.0000, 0.0000, 0.0000



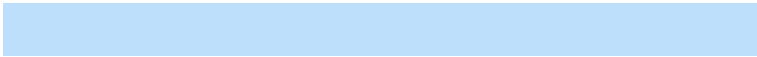
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.3290, 0.2798, 0.3027



70.8201, 0.2730, 0.2967



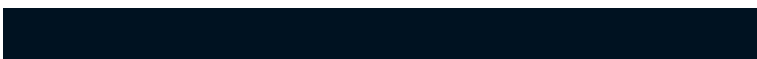
34.1174, 0.2779, 0.2740



10.6239, 0.2984, 0.3181



9.2622, 0.1811, 0.1720



0.5370, 0.1917, 0.2102

Inverse Universe

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



37.3399, 0.3328, 0.3004



62.6606, 0.3379, 0.2944



51.4444, 0.3447, 0.3786



10.1663, 0.3207, 0.3167



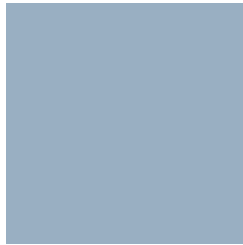
8.2173, 0.4782, 0.2408



0.3689, 0.4339, 0.2164

Previews

White Background



This preview shows how the Yxy color 41.3273, 0.2798, 0.3027 looks on a white background.

Color Contrast Check

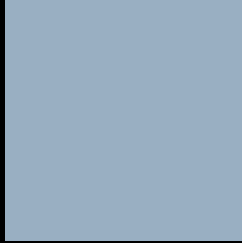
Large Text (above 18pt) WCAG AA × Fail

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 41.3273, 0.2798, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

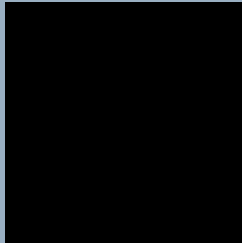
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

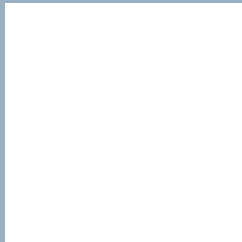
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.3273, 0.2798, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 41.3273, 0.2798, 0.3027.



This preview shows how white text looks on a background with the Yxy color 41.3273, 0.2798, 0.3027.

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

41.3273, 0.2798, 0.3027

Protanopia

41.3224, 0.2948, 0.3021

Deuteranopia

40.9701, 0.2977, 0.2910



Tritanopia

41.4438, 0.2820, 0.3094

Trichromacy



Original Color

41.3273, 0.2798, 0.3027

Protanomaly

41.0973, 0.2891, 0.3018

Deuteranomaly

41.0144, 0.2909, 0.2955

Tritanomaly

41.4877, 0.2813, 0.3081

Monochromacy



Original Color

41.3273, 0.2798, 0.3027

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.6522, 0.3000, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3273, 0.2798, 0.3027 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(153, 175, 194)` looks like.

```
.text, #text, p{  
    color:rgb(153, 175, 194)  
}
```

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(153, 175, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 175, 194) }
```

Border

The CSS property to change the border of an element to Yxy 41.3273, 0.2798, 0.3027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

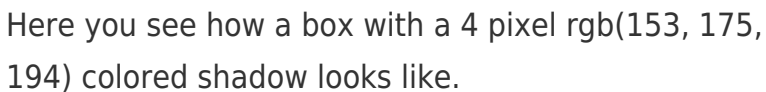
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 175, 194) }
```

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

```
.border{ border-color:rgb(153, 175, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 175, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 175, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 175, 194); box-shadow:4px 4px 4px 4px rgb(153, 175, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3273, 0.2798, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 175, 194) }
```

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

```
.background{ background-color: rgb(153,  
175, 194) }
```

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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