

Converting Colors

$Yxy(41.0087, 0.2887, 0.3024)$

Have a look what the booklet for
Yxy(41.0087, 0.2887, 0.3024)
contains.

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Color

Yxy(40.9922, 0.2883, 0.3017)

Conversions

Conversions Part 1

Format	Color
Hex	A2ACC0
RGB	162, 172, 192
RGB Percent	64%, 67%, 75%
CMY	0.3645, 0.3255, 0.2471
CMYK	0.16, 0.10, 0.00, 0.25
HSL	220°, 19%, 69%
HSV	220°, 16%, 75%
XYZ	39.1715, 40.9922, 55.7070
YIQ	171.2900, -12.3800, 4.1000

Conversions

Conversions Part 2

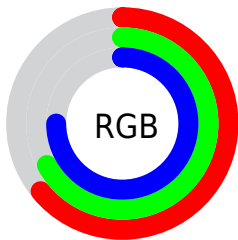
Format	Color
RYB	162, 170, 192
Decimal	10661056
CIELab	70.17, 0.67, -11.39
CIELCh	70, 11.410, 273.342
Yxy	40.9922, 0.2883, 0.3017
Android (android.graphics.Color)	4288851136 (0xFFA2ACC0)
YUV	171.2900, 10.2100, -8.1473
Hunter-Lab	64.0252, -2.8351, -6.7694

Details

The Yxy color $40.9922, 0.2883, 0.3017$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.2823, 0.3377, 0.3549$, and the grayscale version is $40.8337, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.4672, 0.2930, 0.3068$, and $18.6120, 0.2804, 0.2931$ is the 20% darker color. If you saturate the color by 10%, you get $34.4886, 0.2714, 0.2816$, and if you desaturate by 10%, it is $48.2766, 0.3043, 0.3198$.

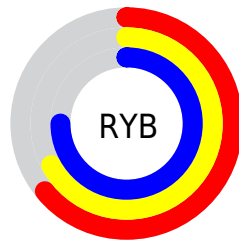
Distribution



Red (64%)

Green (67%)

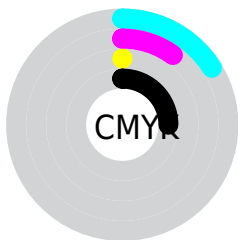
Blue (75%)



Red (64%)

Yellow (67%)

Blue (75%)

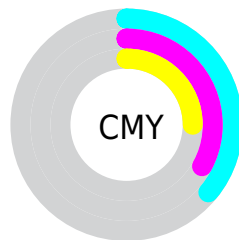


Cyan (16%)

Magenta (10%)

Yellow (0%)

Black (25%)



Cyan (36%)


Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9922, 0.2883, 0.3017 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 40.9922, 0.2883, 0.3017 by changing the saturation by 10% instead.


 40.9922, 0.2883,
0.3017

 40.9922, 0.2883,
0.3017

350.2880, 0.3007,
0.3156

 28.3130, 0.2851,
0.2982


 76.6721, 0.2929,
0.3068

 18.5617, 0.2810,
0.2936


 100.4415, 0.2946,
0.3087

 11.3540, 0.2755,
0.2875


128.6764, 0.2960,
0.3103

 6.3055, 0.2677,
0.2788

161.7613, 0.2972,
0.3116

 3.0317, 0.2558,
0.2657

200.0805, 0.2983,
0.3128

 1.1483, 0.2356,
0.2435

244.0185, 0.2992,

 0.0189, 0.0393,

0.3138

0.0217

293.9595, 0.3000,
0.3148

0.0000, 0.0000,
0.0000

40.9922, 0.2883,
0.3017

40.9922, 0.2883,
0.3017

34.4886, 0.2714,
0.2816

48.2766, 0.3043,
0.3198

28.7337, 0.2538,
0.2594

56.3625, 0.3191,
0.3358

23.7002, 0.2359,
0.2355

65.2760, 0.3328,
0.3499

19.3576, 0.2184,
0.2105

75.0406, 0.3452,
0.3623

15.6724, 0.2019,
0.1849

85.0989, 0.3544,
0.3734

■ 12.6083, 0.1873,
0.1598

■ 92.7486, 0.3515,
0.3854

■ 10.1246, 0.1753,
0.1363

■ 96.5851, 0.3502,
0.3910

■ 8.1737, 0.1664,
0.1155

■ 7.4522, 0.1631,
0.1072

Harmonies

Analogous

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



40.9922, 0.2813, 0.3086



40.9922, 0.2883, 0.3017



40.9922, 0.3018, 0.3020

Triad

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



40.9922, 0.2883, 0.3017



40.9922, 0.3439, 0.3353



40.9922, 0.3063, 0.3503

Complementary

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



40.9922, 0.2883, 0.3017



47.2823, 0.3377, 0.3549

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.



40.9922, 0.3231, 0.3577



40.9922, 0.2883, 0.3017



40.9922, 0.3451, 0.3484

Square

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



40.9922, 0.2883, 0.3017



40.9922, 0.3341, 0.3210



40.9922, 0.3373, 0.3568



40.9922, 0.2916, 0.3368

Rectangle

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



40.9922, 0.2883, 0.3017



40.9922, 0.3129, 0.3060



40.9922, 0.3373, 0.3568



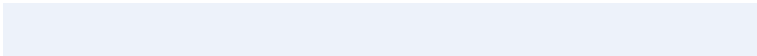
40.9922, 0.3119, 0.3536

Sweetspot

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



40.9939, 0.2883, 0.3017



88.2122, 0.3051, 0.3207



48.7554, 0.2963, 0.3424



18.7126, 0.3040, 0.3195



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



40.9939, 0.2883, 0.3017



69.7597, 0.2821, 0.2945



37.8788, 0.2921, 0.2882



10.2829, 0.2984, 0.3132



5.1445, 0.1638, 0.1095



0.3505, 0.1767, 0.1562

Inverse Universe

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



40.0376, 0.3324, 0.3161



67.8161, 0.3380, 0.3128



50.8663, 0.3315, 0.3677



10.1319, 0.3238, 0.3214



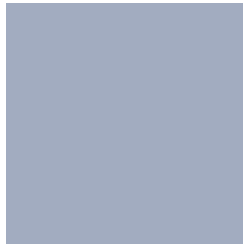
7.8016, 0.5618, 0.2868



0.3500, 0.4979, 0.2517

Previews

White Background



This preview shows how the Yxy color 40.9922, 0.2883, 0.3017 looks on a white background.

Color Contrast Check

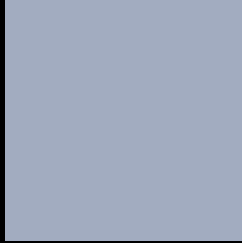
Large Text (above 18pt) WCAG AA × Fail

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 40.9922, 0.2883, 0.3017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

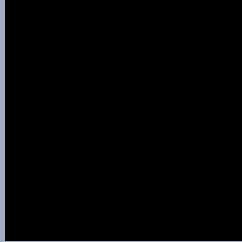
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

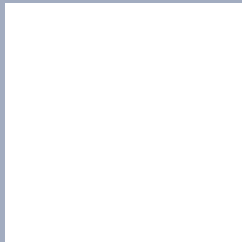
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.9922, 0.2883, 0.3017

Background



This preview shows how black text looks on a background with the Yxy color 40.9922, 0.2883, 0.3017.



This preview shows how white text looks on a background with the Yxy color 40.9922, 0.2883, 0.3017.

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

40.9922, 0.2883, 0.3017

Protanopia

40.9461, 0.2948, 0.3007

Deuteranopia

40.9527, 0.3009, 0.2948



Tritanopia

41.0521, 0.2913, 0.3097

Trichromacy



Original Color

40.9922, 0.2883, 0.3017

Protanomaly

40.9944, 0.2923, 0.3019

Deuteranomaly

40.9968, 0.2958, 0.2970

Tritanomaly

41.1383, 0.2897, 0.3070

Monochromacy



Original Color

40.9922, 0.2883, 0.3017

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.7053, 0.3035, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9922, 0.2883, 0.3017 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(162, 172, 192)` looks like.

```
.text, #text, p{  
    color:rgb(162, 172, 192)  
}
```

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(162, 172, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 172, 192) }
```

Border

The CSS property to change the border of an element to Yxy 40.9922, 0.2883, 0.3017 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(162, 172, 192) }
```

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

```
.border{ border-color:rgb(162, 172, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 172, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 172, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 172, 192);  
box-shadow:4px 4px 4px 4px rgb(162, 172,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9922, 0.2883, 0.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 172, 192) }
```

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

```
.background{ background-color: rgb(162,  
172, 192) }
```

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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