

Converting Colors

$Y_{xy}(41.5462, 0.2976, 0.2948)$

Have a look what the booklet for
Yxy(41.5462, 0.2976, 0.2948)
contains.

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Color

Yxy(41.5462, 0.2976, 0.2948)

Conversions

Conversions Part 1

Format	Color
Hex	B0A9C3
RGB	176, 169, 195
RGB Percent	69%, 66%, 76%
CMY	0.3099, 0.3372, 0.2353
CMYK	0.10, 0.13, 0.00, 0.24
HSL	256°, 18%, 71%
HSV	256°, 13%, 76%
XYZ	41.9408, 41.5462, 57.4431
YIQ	174.0570, -4.1740, 9.5700

Conversions

Conversions Part 2

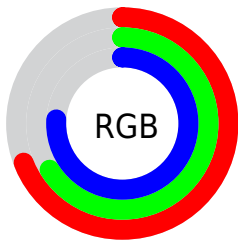
Format	Color
RYB	176, 169, 195
Decimal	11577795
CIELab	70.56, 7.57, -12.37
CIELCh	71, 14.501, 301.463
Yxy	41.5462, 0.2976, 0.2948
Android (android.graphics.Color)	4289767875 (0xFFB0A9C3)
YUV	174.0570, 10.3249, 1.7040
Hunter-Lab	64.4563, 3.3488, -7.7195

Details

The Yxy color **41.5462, 0.2976, 0.2948** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.5945, 0.3266, 0.3622**, and the grayscale version is **42.3060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4954, 0.3004, 0.3004**, and **18.8566, 0.2929, 0.2856** is the 20% darker color. If you saturate the color by 10%, you get **33.2482, 0.2843, 0.2661**, and if you desaturate by 10%, it is **51.1047, 0.3092, 0.3209**.

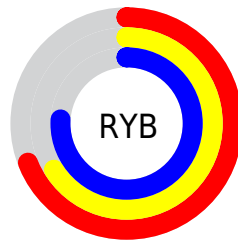
Distribution



Red (69%)

Green (66%)

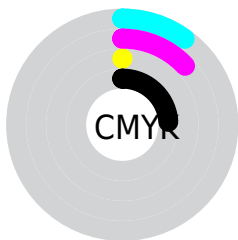
Blue (76%)



Red (69%)

Yellow (66%)

Blue (76%)

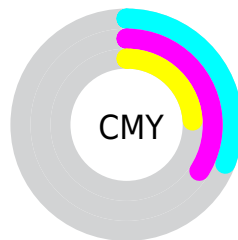


Cyan (10%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (31%)

Magenta (34%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5462, 0.2976, 0.2948 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 41.5462, 0.2976, 0.2948 by changing the saturation by 10% instead.

■ 41.5462, 0.2976,
0.2948

■ 41.5462, 0.2976,
0.2948

■ 352.5983, 0.3054,
0.3119

■ 28.7461, 0.2956,
0.2905

■ 77.5124, 0.3005,
0.3010

■ 18.8889, 0.2930,
0.2851

■ 101.4472, 0.3015,
0.3033

■ 11.5900, 0.2894,
0.2778

■ 129.8625, 0.3024,
0.3053

■ 6.4651, 0.2843,
0.2677

■ 163.1425, 0.3032,
0.3070

■ 3.1299, 0.2764,
0.2527

■ 201.6717, 0.3039,
0.3085

■ 1.1999, 0.2628,
0.2282

■ 245.8345, 0.3044,

■ 0.0617, 0.1968,

0.3098

0.0498

296.0152, 0.3049,
0.3109

0.0000, 0.0000,
0.0000

41.5462, 0.2976,
0.2948

41.5462, 0.2976,
0.2948

33.2482, 0.2843,
0.2661

51.1047, 0.3092,
0.3209

26.1522, 0.2693,
0.2352

61.9683, 0.3192,
0.3443

20.2032, 0.2529,
0.2029

74.1860, 0.3277,
0.3650

15.3394, 0.2354,
0.1704

87.8025, 0.3350,
0.3833

11.4932, 0.2177,
0.1396

95.2938, 0.3432,
0.3890

■ 8.5895, 0.2007,
0.1124

■ 96.7205, 0.3484,
0.3880

■ 6.5418, 0.1854,
0.0907

■ 5.2475, 0.1729,
0.0758

■ 4.6794, 0.1662,
0.0689

Harmonies

Analogous

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



41.5462, 0.2811, 0.2949



41.5462, 0.2976, 0.2948



41.5462, 0.3187, 0.3031

Triad

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



41.5462, 0.2976, 0.2948



41.5462, 0.3540, 0.3524



41.5462, 0.2870, 0.3400

Complementary

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



41.5462, 0.2976, 0.2948



52.5945, 0.3266, 0.3622

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.



41.5462, 0.3058, 0.3571



41.5462, 0.2976, 0.2948



41.5462, 0.3447, 0.3638

Square

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



41.5462, 0.2976, 0.2948



41.5462, 0.3518, 0.3356



41.5462, 0.3270, 0.3658



41.5462, 0.2751, 0.3203

Rectangle

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



41.5462, 0.2976, 0.2948



41.5462, 0.3325, 0.3124



41.5462, 0.3270, 0.3658



41.5462, 0.2927, 0.3463

Sweetspot

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



41.5479, 0.2976, 0.2948



90.1944, 0.3084, 0.3191



48.3751, 0.2924, 0.3199



19.4494, 0.3076, 0.3172



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.



41.5479, 0.2976, 0.2948



69.8445, 0.2939, 0.2867



43.1309, 0.3089, 0.2960



9.8758, 0.3024, 0.3055



3.0769, 0.1673, 0.0695



0.1681, 0.1923, 0.0833

Inverse Universe

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



43.6145, 0.3201, 0.3050



74.2830, 0.3220, 0.2996



51.0218, 0.3160, 0.3633



10.1999, 0.3178, 0.3123



8.8378, 0.4019, 0.1987



0.3928, 0.3800, 0.1867

Previews

White Background



This preview shows how the Yxy color 41.5462, 0.2976, 0.2948 looks on a white background.

Color Contrast Check

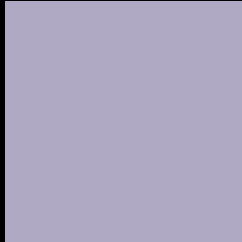
Large Text (above 18pt) WCAG AA × Fail

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 41.5462, 0.2976, 0.2948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

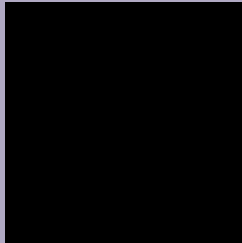
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5462, 0.2976, 0.2948

Background



This preview shows how black text looks on a background with the Yxy color 41.5462, 0.2976, 0.2948.



This preview shows how white text looks on a background with the Yxy color 41.5462, 0.2976, 0.2948.

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

41.5462, 0.2976, 0.2948

Protanopia

41.4362, 0.2901, 0.2956

Deuteranopia

41.5291, 0.3002, 0.2937



Tritanopia

41.5852, 0.3047, 0.3115

Trichromacy



Original Color

41.5462, 0.2976, 0.2948

Protanomaly

41.3929, 0.2926, 0.2945

Deuteranomaly

41.4104, 0.2993, 0.2936

Tritanomaly

41.4943, 0.3023, 0.3050

Monochromacy



Original Color

41.5462, 0.2976, 0.2948

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.9964, 0.3071, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5462, 0.2976, 0.2948 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(176, 169, 195)` looks like.

```
.text, #text, p{  
    color:rgb(176, 169, 195)  
}
```

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(176, 169, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 169, 195) }
```

Border

The CSS property to change the border of an element to Yxy 41.5462, 0.2976, 0.2948 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(176, 169, 195) }
```

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

```
.border{ border-color:rgb(176, 169, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 169, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 169, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 169, 195);  
box-shadow:4px 4px 4px 4px rgb(176, 169,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5462, 0.2976, 0.2948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 169, 195) }
```

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

```
.background{ background-color: rgb(176,  
169, 195) }
```

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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