

# Converting Colors

$Yxy(41.5468, 0.2749, 0.3058)$

Have a look what the booklet for  
Yxy(41.5468, 0.2749, 0.3058)  
contains.

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# Color

**Yxy(41.4503, 0.2747, 0.3051)**

# Conversions

## Conversions Part 1

Format	Color
Hex	92B1C2
RGB	146, 177, 194
RGB Percent	57%, 69%, 76%
CMY	0.4273, 0.3059, 0.2391
CMYK	0.25, 0.09, 0.00, 0.24
HSL	201°, 28%, 67%
HSV	201°, 25%, 76%
XYZ	37.3202, 41.4503, 57.0876
YIQ	169.6690, -23.9330, -1.2850

# Conversions

## Conversions Part 2

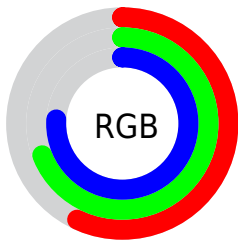
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 165, 194
Decimal	9613762
CIE <sub>Lab</sub>	70.49, -6.67, -12.15
CIE <sub>LCh</sub>	70, 13.861, 241.234
Yxy	41.4503, 0.2747, 0.3051
Android (android.graphics.Color)	4287803842 (0xFF92B1C2)
YUV	169.6690, 11.9952, -20.7577
Hunter-Lab	64.3819, -9.1974, -7.5052

# Details

The Yxy color **41.4503, 0.2747, 0.3051** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.7673, 0.3587, 0.3517**, and the grayscale version is **39.9775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5975, 0.2822, 0.3107**, and **18.6884, 0.2637, 0.2976** is the 20% darker color. If you saturate the color by 10%, you get **37.1696, 0.2595, 0.2938**, and if you desaturate by 10%, it is **46.1734, 0.2901, 0.3155**.

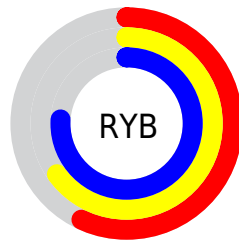
# Distribution



Red (57%)

Green (69%)

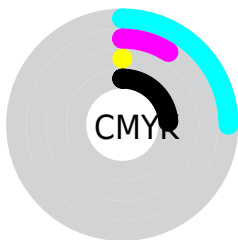
Blue (76%)



Red (57%)

Yellow (65%)

Blue (76%)

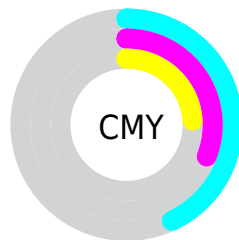


Cyan (25%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (43%)

Magenta (31%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 41.4503, 0.2747, 0.3051 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 41.4503, 0.2747, 0.3051 by changing the saturation by 10% instead.



■ 41.4503, 0.2747,  
0.3051

■ 41.4503, 0.2747,  
0.3051

352.1991, 0.2938,  
0.3174

■ 28.6711, 0.2699,  
0.3019

■ 77.3670, 0.2817,  
0.3097

■ 18.8322, 0.2637,  
0.2977

■ 101.2733, 0.2843,  
0.3114

■ 11.5491, 0.2554,  
0.2921

129.6574, 0.2865,  
0.3128

■ 6.4374, 0.2438,  
0.2840

162.9037, 0.2884,  
0.3140

■ 3.1128, 0.2266,  
0.2714

201.3967, 0.2900,  
0.3150

■ 1.1909, 0.1982,  
0.2498

245.5206, 0.2915,

■ 0.0543, 0.0000,

0.3159

0.0564

295.6600, 0.2927,  
0.3167

0.0000, 0.0000,  
0.0000

41.4503, 0.2747,  
0.3051

41.4503, 0.2747,  
0.3051

37.1696, 0.2595,  
0.2938

46.1734, 0.2901,  
0.3155

33.3091, 0.2450,  
0.2817

51.3500, 0.3055,  
0.3249

29.8519, 0.2315,  
0.2689

56.9970, 0.3206,  
0.3333

26.7776, 0.2193,  
0.2556

63.1288, 0.3353,  
0.3409

24.0635, 0.2088,  
0.2420

69.7589, 0.3494,  
0.3476

■ 21.6838, 0.2004,  
0.2284

■ 75.4603, 0.3571,  
0.3539

■ 19.6074, 0.1940,  
0.2150

■ 79.1131, 0.3555,  
0.3608

■ 18.6052, 0.1911,  
0.2080

■ 82.9162, 0.3540,  
0.3675

■ 86.8712, 0.3524,  
0.3741

# Harmonies

## Analogous

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



41.4503, 0.2768, 0.3209



41.4503, 0.2747, 0.3051



41.4503, 0.2824, 0.2964

# Triad

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



41.4503, 0.2747, 0.3051



41.4503, 0.3374, 0.3182



41.4503, 0.3265, 0.3642

# Complementary

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



41.4503, 0.2747, 0.3051



39.7673, 0.3587, 0.3517

# 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.



41.4503, 0.3434, 0.3622



41.4503, 0.2747, 0.3051



41.4503, 0.3500, 0.3352

# Square

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



41.4503, 0.2747, 0.3051



41.4503, 0.3183, 0.3041



41.4503, 0.3522, 0.3513



41.4503, 0.3063, 0.3559



# Rectangle

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



41.4503, 0.2747, 0.3051



41.4503, 0.2922, 0.2953



41.4503, 0.3522, 0.3513



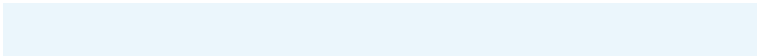
41.4503, 0.3328, 0.3647

# Sweetspot

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



41.4520, 0.2747, 0.3051



90.7013, 0.3019, 0.3227



47.3477, 0.2977, 0.3733



19.7333, 0.3009, 0.3222



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

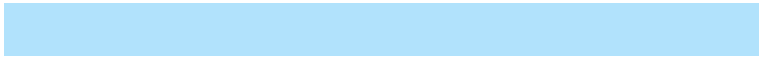


# Same Dimension

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



41.4520, 0.2747, 0.3051



70.5301, 0.2659, 0.2987



32.8690, 0.2717, 0.2704



10.8074, 0.2984, 0.3206



12.3879, 0.1916, 0.2098



0.6612, 0.1999, 0.2394



# Inverse Universe

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



35.2151, 0.3319, 0.2888



57.5788, 0.3376, 0.2791



49.0167, 0.3516, 0.3815



10.1848, 0.3191, 0.3143



8.5328, 0.4344, 0.2167



0.3814, 0.4029, 0.1993



# Previews

## White Background



This preview shows how the Yxy color 41.4503, 0.2747, 0.3051 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

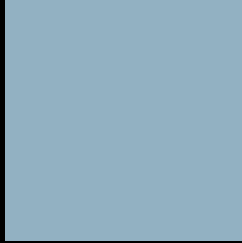
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 41.4503, 0.2747, 0.3051 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

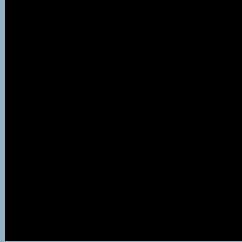
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

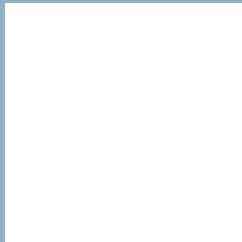
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 41.4503, 0.2747, 0.3051**

## Background



This preview shows how black text looks on a background with the Yxy color 41.4503, 0.2747, 0.3051.



This preview shows how white text looks on a background with the Yxy color 41.4503, 0.2747, 0.3051.

# 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

41.4503, 0.2747, 0.3051

### Protanopia

41.3896, 0.2964, 0.3034

### Deuteranopia

41.3379, 0.2977, 0.2923



## Tritanopia

41.3610, 0.2761, 0.3079

# Trichromacy



## Original Color

41.4503, 0.2747, 0.3051

## Protanomaly

41.2258, 0.2882, 0.3043

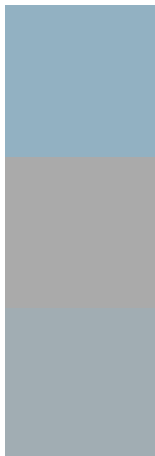
## Deuteranomaly

41.1729, 0.2892, 0.2967

## Tritanomaly

41.4055, 0.2754, 0.3065

# Monochromacy



## Original Color

41.4503, 0.2747, 0.3051

## Achromatopsia

40.1978, 0.3127, 0.3290

## Achromatomaly

40.7189, 0.2974, 0.3206

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 41.4503, 0.2747, 0.3051 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(146, 177, 194)` looks like.

```
.text, #text, p{  
    color:rgb(146, 177, 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(146, 177, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 177, 194) }
```

## Border

The CSS property to change the border of an element to Yxy 41.4503, 0.2747, 0.3051 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(146, 177, 194) }
```

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

```
.border{ border-color:rgb(146, 177, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 177, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 177, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 177, 194);  
box-shadow:4px 4px 4px 4px rgb(146, 177,  
194) }
```



# Background

The CSS property to change the background color of an element to Yxy 41.4503, 0.2747, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 177, 194) }
```

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

```
.background{ background-color: rgb(146,  
177, 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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