

# Converting Colors

$Yxy(40.8462, 0.2967, 0.3214)$

Have a look what the booklet for  
Yxy(40.8462, 0.2967, 0.3214)  
contains.

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# Color

**Yxy(41.0004, 0.2966, 0.3220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0AEB3
RGB	160, 174, 179
RGB Percent	63%, 68%, 70%
CMY	0.3726, 0.3176, 0.2981
CMYK	0.11, 0.03, 0.00, 0.30
HSL	196°, 11%, 66%
HSV	196°, 11%, 70%
XYZ	37.7662, 41.0004, 48.5638
YIQ	170.3840, -9.9490, -1.4130

# Conversions

## Conversions Part 2

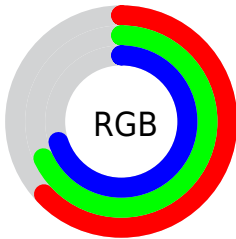
Format	Color
R <sub>Y</sub> B	160, 168, 179
Decimal	10530483
CIE Lab	70.18, -3.86, -4.23
CIE LCh	70, 5.728, 227.584
Yxy	41.0004, 0.2966, 0.3220
Android (android.graphics.Color)	4288720563 (0xFFFA0AEB3)
YUV	170.3840, 4.2477, -9.1068
Hunter-Lab	64.0316, -6.7748, -0.1456

# Details

The Yxy color **41.0004, 0.2966, 0.3220** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.0159, 0.3304, 0.3359**, and the grayscale version is **40.3814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4839, 0.2996, 0.3225**, and **18.6136, 0.2917, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **37.5085, 0.2815, 0.3147**, and if you desaturate by 10%, it is **44.8245, 0.3118, 0.3286**.

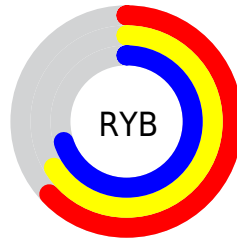
# Distribution



Red (63%)

Green (68%)

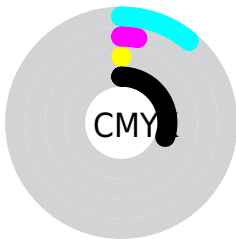
Blue (70%)



Red (63%)

Yellow (66%)

Blue (70%)

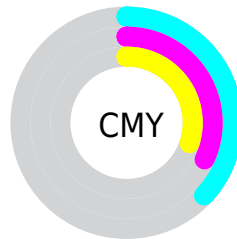


Cyan (11%)

Magenta (3%)

Yellow (0%)

Black (30%)



Cyan (37%)

Magenta (32%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0004, 0.2966, 0.3220 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 41.0004, 0.2966, 0.3220 by changing the saturation by 10% instead.




 41.0004, 0.2966,  
0.3220

 41.0004, 0.2966,  
0.3220


350.3223, 0.3048,  
0.3256

 28.3194, 0.2945,  
0.3211


 76.6845, 0.2996,  
0.3233

 18.5666, 0.2918,  
0.3198


 100.4564, 0.3007,  
0.3238

 11.3575, 0.2881,  
0.3181


128.6940, 0.3017,  
0.3243

 6.3078, 0.2829,  
0.3157

161.7818, 0.3025,  
0.3246

 3.0332, 0.2749,  
0.3118

200.1041, 0.3032,  
0.3249

 1.1491, 0.2610,  
0.3048

244.0454, 0.3038,

 0.0195, 0.0000,

0.3252

0.0580

293.9900, 0.3043,  
0.3254

0.0000, 0.0000,  
0.0000

41.0004, 0.2966,  
0.3220

41.0004, 0.2966,  
0.3220

37.5085, 0.2815,  
0.3147

44.8245, 0.3118,  
0.3286

34.3318, 0.2669,  
0.3068

48.9869, 0.3269,  
0.3346

31.4592, 0.2530,  
0.2984

53.5001, 0.3416,  
0.3399

28.8769, 0.2401,  
0.2894

58.3740, 0.3559,  
0.3446

26.5700, 0.2286,  
0.2800

63.6185, 0.3697,  
0.3487

■ 24.5219, 0.2188,  
0.2704

■ 66.8195, 0.3728,  
0.3532

■ 22.7137, 0.2108,  
0.2606

■ 69.0549, 0.3714,  
0.3580

■ 21.1232, 0.2048,  
0.2510

■ 71.3577, 0.3700,  
0.3627

■ 19.7864, 0.2005,  
0.2419

■ 73.7286, 0.3687,  
0.3674

# Harmonies

## Analogous

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



41.0004, 0.2994, 0.3293



41.0004, 0.2966, 0.3220



41.0004, 0.2980, 0.3167

# Triad

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



41.0004, 0.2966, 0.3220



41.0004, 0.3196, 0.3215



41.0004, 0.3220, 0.3436

# Complementary

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



41.0004, 0.2966, 0.3220



39.0159, 0.3304, 0.3359

# 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.



41.0004, 0.3276, 0.3413



41.0004, 0.2966, 0.3220



41.0004, 0.3262, 0.3285

# Square

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



41.0004, 0.2966, 0.3220



41.0004, 0.3112, 0.3165



41.0004, 0.3291, 0.3357



41.0004, 0.3140, 0.3419



# Rectangle

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



41.0004, 0.2966, 0.3220



41.0004, 0.3012, 0.3150



41.0004, 0.3291, 0.3357



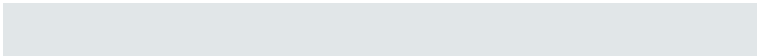
41.0004, 0.3243, 0.3432

# Sweetspot

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



41.0021, 0.2966, 0.3220



78.5707, 0.3081, 0.3271



42.4140, 0.3077, 0.3491



17.2834, 0.3069, 0.3265



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290



# Same Dimension

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



41.0021, 0.2966, 0.3220



71.7609, 0.2927, 0.3202



37.5407, 0.2964, 0.3088



9.2474, 0.2986, 0.3229



14.0942, 0.2009, 0.2431



0.5321, 0.2083, 0.2698



# Inverse Universe

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



37.7746, 0.3184, 0.3100



64.7405, 0.3199, 0.3052



42.4832, 0.3290, 0.3484



8.6080, 0.3176, 0.3123



7.9629, 0.3992, 0.1973



0.2595, 0.3730, 0.1828



# Previews

## White Background



This preview shows how the Yxy color 41.0004, 0.2966, 0.3220 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

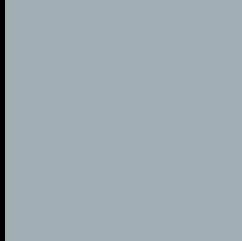
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 41.0004, 0.2966, 0.3220 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

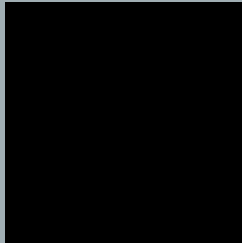
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

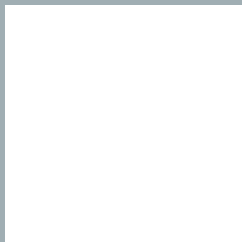
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 41.0004, 0.2966, 0.3220**

## Background



This preview shows how black text looks on a background with the Yxy color 41.0004, 0.2966, 0.3220.



This preview shows how white text looks on a background with the Yxy color 41.0004, 0.2966, 0.3220.

# 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

41.0004, 0.2966, 0.3220

### Protanopia

40.8080, 0.3096, 0.3195

### Deuteranopia

40.7990, 0.3164, 0.3092



## Tritanopia

41.0521, 0.2913, 0.3097

# Trichromacy



## Original Color

41.0004, 0.2966, 0.3220

## Protanomaly

40.6650, 0.3043, 0.3193

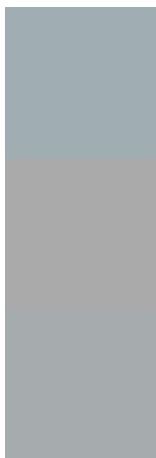
## Deuteranomaly

40.7852, 0.3089, 0.3141

## Tritanomaly

40.9249, 0.2936, 0.3137

# Monochromacy



## Original Color

41.0004, 0.2966, 0.3220

## Achromatopsia

40.1978, 0.3127, 0.3290

## Achromatomaly

40.2499, 0.3066, 0.3262

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 41.0004, 0.2966, 0.3220 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(160, 174, 179)` looks like.

```
.text, #text, p{  
    color:rgb(160, 174, 179)  
}
```

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(160, 174, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 174, 179) }
```

## Border

The CSS property to change the border of an element to Yxy 41.0004, 0.2966, 0.3220 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(160, 174, 179) }
```

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

```
.border{ border-color:rgb(160, 174, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 174, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 174, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 174, 179);  
box-shadow:4px 4px 4px 4px rgb(160, 174,  
179) }
```



# Background

The CSS property to change the background color of an element to Yxy 41.0004, 0.2966, 0.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 174, 179) }
```

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

```
.background{ background-color: rgb(160,  
174, 179) }
```

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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