

Converting Colors

$Yxy(33.6388, 0.2967, 0.3015)$

Have a look what the booklet for
Yxy(33.6388, 0.2967, 0.3015)
contains.

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Color

Yxy(33.5666, 0.2968, 0.3013)

Conversions

Conversions Part 1

Format	Color
Hex	9C9BAE
RGB	156, 155, 174
RGB Percent	61%, 61%, 68%
CMY	0.3884, 0.3921, 0.3177
CMYK	0.10, 0.11, 0.00, 0.32
HSL	243°, 10%, 65%
HSV	243°, 11%, 68%
XYZ	33.0653, 33.5666, 44.7740
YIQ	157.4650, -5.5030, 6.1210

Conversions

Conversions Part 2

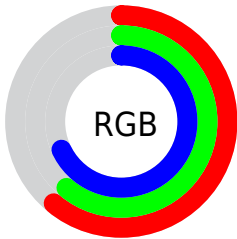
Format	Color
R _Y B	156, 155, 174
Decimal	10263470
CIE Lab	64.62, 4.17, -9.73
CIE LCh	65, 10.585, 293.176
Yxy	33.5666, 0.2968, 0.3013
Android (android.graphics.Color)	4288453550 (0xFF9C9BAE)
YUV	157.4650, 8.1518, -1.2848
Hunter-Lab	57.9367, 0.4832, -5.2642

Details

The Yxy color **33.5666, 0.2968, 0.3013** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.5234, 0.3278, 0.3554**, and the grayscale version is **33.9000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1070, 0.3006, 0.3068**, and **14.3090, 0.2915, 0.2919** is the 20% darker color. If you saturate the color by 10%, you get **26.6494, 0.2801, 0.2725**, and if you desaturate by 10%, it is **41.5455, 0.3115, 0.3269**.

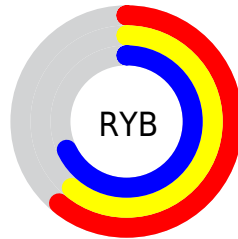
Distribution



Red (61%)

Green (61%)

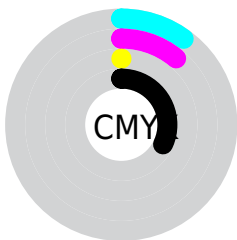
Blue (68%)



Red (61%)

Yellow (61%)

Blue (68%)

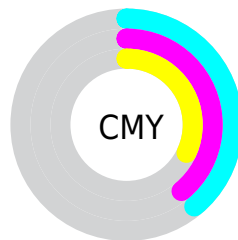


Cyan (10%)

Magenta (11%)

Yellow (0%)

Black (32%)



Cyan (39%)

Magenta (39%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.5666, 0.2968, 0.3013 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 33.5666, 0.2968, 0.3013 by changing the saturation by 10% instead.

■ 33.5666, 0.2968,
0.3013

■ 33.5666, 0.2968,
0.3013

■ 318.1952, 0.3052,
0.3157

■ 22.5608, 0.2945,
0.2975

■ 65.2591, 0.3000,
0.3067

■ 14.2696, 0.2915,
0.2925

■ 86.7147, 0.3011,
0.3087

■ 8.3084, 0.2873,
0.2856

■ 112.4223, 0.3021,
0.3103

■ 4.2929, 0.2811,
0.2756

■ 142.7664, 0.3029,
0.3117

■ 1.8387, 0.2709,
0.2596

■ 178.1313, 0.3036,
0.3129

■ 0.5111, 0.2487,
0.2164

■ 218.9015, 0.3042,

■ 0.0000, 0.0000,

0.3140

0.0000

265.4613, 0.3048,
0.3149

■ 33.5666, 0.2968,
0.3013

■ 33.5666, 0.2968,
0.3013

■ 26.6494, 0.2801,
0.2725

■ 41.5455, 0.3115,
0.3269

■ 20.7451, 0.2616,
0.2408

■ 50.6237, 0.3243,
0.3492

■ 15.8075, 0.2417,
0.2069

■ 60.8422, 0.3353,
0.3686

■ 11.7850, 0.2210,
0.1722

■ 72.2387, 0.3447,
0.3854

■ 8.6214, 0.2008,
0.1387

■ 84.8491, 0.3528,
0.3999

■ 6.2540, 0.1825,
0.1089

■ 95.8355, 0.3609,
0.4086

■ 4.6121, 0.1676,
0.0852

■ 3.6119, 0.1572,
0.0693

■ 3.1116, 0.1516,
0.0609

Harmonies

Analogous

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



33.5666, 0.2853, 0.3035



33.5666, 0.2968, 0.3013



33.5666, 0.3128, 0.3061

Triad

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



33.5666, 0.2968, 0.3013



33.5666, 0.3454, 0.3442



33.5666, 0.2962, 0.3417

Complementary

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



33.5666, 0.2968, 0.3013



41.5234, 0.3278, 0.3554

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.



33.5666, 0.3120, 0.3535



33.5666, 0.2968, 0.3013



33.5666, 0.3406, 0.3545

Square

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



33.5666, 0.2968, 0.3013



33.5666, 0.3412, 0.3304



33.5666, 0.3283, 0.3581



33.5666, 0.2850, 0.3265

Rectangle

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



33.5666, 0.2968, 0.3013



33.5666, 0.3239, 0.3126



33.5666, 0.3283, 0.3581



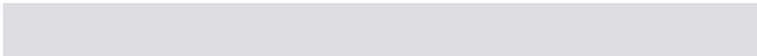
33.5666, 0.3011, 0.3462

Sweetspot

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



33.5680, 0.2968, 0.3013



72.0949, 0.3085, 0.3216



40.0494, 0.2963, 0.3281



15.7585, 0.3074, 0.3197



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



33.5680, 0.2968, 0.3013



57.8102, 0.2931, 0.2949



34.5174, 0.3054, 0.3020



7.7756, 0.2993, 0.3056



2.2650, 0.1520, 0.0611



0.0691, 0.1605, 0.0658

Inverse Universe

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



35.4641, 0.3148, 0.3040



61.9206, 0.3153, 0.2986



40.5133, 0.3194, 0.3561



8.1411, 0.3145, 0.3077



8.5079, 0.3336, 0.1612



0.2387, 0.3294, 0.1588

Previews

White Background



This preview shows how the Yxy color 33.5666, 0.2968, 0.3013 looks on a white background.

Color Contrast Check

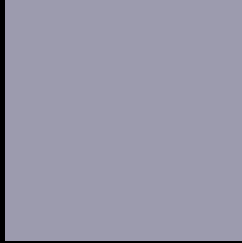
Large Text (above 18pt) WCAG AA × Fail

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 33.5666, 0.2968, 0.3013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

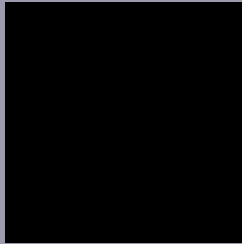
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5666, 0.2968, 0.3013

Background



This preview shows how black text looks on a background with the Yxy color 33.5666, 0.2968, 0.3013.



This preview shows how white text looks on a background with the Yxy color 33.5666, 0.2968, 0.3013.

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

33.5666, 0.2968, 0.3013

Protanopia

33.7030, 0.2950, 0.3026

Deuteranopia

33.4050, 0.3044, 0.2975



Tritanopia

33.5726, 0.3011, 0.3113

Trichromacy



Original Color

33.5666, 0.2968, 0.3013

Protanomaly

33.8015, 0.2959, 0.3027

Deuteranomaly

33.4155, 0.3015, 0.2987

Tritanomaly

33.6478, 0.2993, 0.3084

Monochromacy



Original Color

33.5666, 0.2968, 0.3013

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.5894, 0.3074, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5666, 0.2968, 0.3013 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(156, 155, 174)` looks like.

```
.text, #text, p{  
    color:rgb(156, 155, 174)  
}
```

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(156, 155, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 155, 174) }
```

Border

The CSS property to change the border of an element to Yxy 33.5666, 0.2968, 0.3013 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(156, 155, 174) }
```

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

```
.border{ border-color:rgb(156, 155, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 155, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 155, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 155, 174);  
box-shadow:4px 4px 4px 4px rgb(156, 155,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5666, 0.2968, 0.3013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 155, 174) }
```

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

```
.background{ background-color: rgb(156,  
155, 174) }
```

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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