

Converting Colors

$Yxy(34.7568, 0.3019, 0.3108)$

Have a look what the booklet for
Yxy(34.7568, 0.3019, 0.3108)
contains.

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Color

Yxy(34.6631, 0.3013, 0.3101)

Conversions

Conversions Part 1

Format	Color
Hex	9E9EAB
RGB	158, 158, 171
RGB Percent	62%, 62%, 67%
CMY	0.3803, 0.3804, 0.3295
CMYK	0.08, 0.08, 0.00, 0.33
HSL	240°, 7%, 65%
HSV	240°, 8%, 67%
XYZ	33.6794, 34.6631, 43.4379
YIQ	159.4820, -4.1730, 4.0430

Conversions

Conversions Part 2

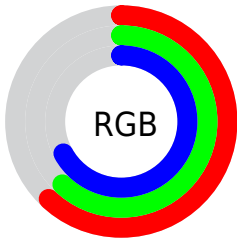
Format	Color
R _Y B	158, 158, 171
Decimal	10395307
CIE Lab	65.49, 2.59, -6.74
CIE LCh	65, 7.218, 290.997
Yxy	34.6631, 0.3013, 0.3101
Android (android.graphics.Color)	4288585387 (0xFF9E9EAB)
YUV	159.4820, 5.6784, -1.2997
Hunter-Lab	58.8754, -0.9217, -2.5310

Details

The Yxy color **34.6631, 0.3013, 0.3101** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.2455, 0.3237, 0.3472**, and the grayscale version is **34.8796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2256, 0.3040, 0.3146**, and **14.9731, 0.2978, 0.3044** is the 20% darker color. If you saturate the color by 10%, you get **27.6180, 0.2845, 0.2823**, and if you desaturate by 10%, it is **42.7635, 0.3161, 0.3346**.

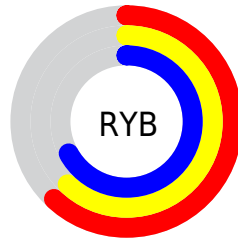
Distribution



Red (62%)

Green (62%)

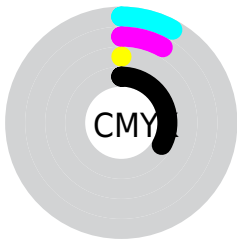
Blue (67%)



Red (62%)

Yellow (62%)

Blue (67%)

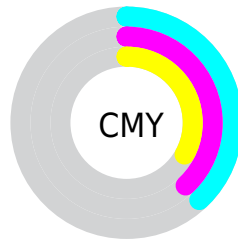


Cyan (8%)

Magenta (8%)

Yellow (0%)

Black (33%)



Cyan (38%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.6631, 0.3013, 0.3101 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 34.6631, 0.3013, 0.3101 by changing the saturation by 10% instead.

■ 34.6631, 0.3013,
0.3101

■ 34.6631, 0.3013,
0.3101

■ 323.0788, 0.3073,
0.3200

■ 23.4035, 0.2997,
0.3075

■ 66.9635, 0.3036,
0.3138

■ 14.8917, 0.2976,
0.3041

■ 88.7731, 0.3044,
0.3151

■ 8.7434, 0.2946,
0.2994

■ 114.8681, 0.3051,
0.3163

■ 4.5742, 0.2903,
0.2925

■ 145.6330, 0.3057,
0.3172

■ 1.9997, 0.2831,
0.2815

■ 181.4521, 0.3062,
0.3180

■ 0.6073, 0.2679,
0.2541

■ 222.7098, 0.3066,

■ 0.0000, 0.0000,

0.3188

0.0000

269.7906, 0.3070,
0.3194

■ 34.6631, 0.3013,
0.3101

■ 34.6631, 0.3013,
0.3101

■ 27.6180, 0.2845,
0.2823

■ 42.7635, 0.3161,
0.3346

■ 21.5805, 0.2657,
0.2513

■ 51.9554, 0.3289,
0.3559

■ 16.5059, 0.2454,
0.2176

■ 62.2787, 0.3400,
0.3742

■ 12.3446, 0.2242,
0.1826

■ 73.7703, 0.3495,
0.3900

■ 9.0422, 0.2033,
0.1481

■ 86.4650, 0.3577,
0.4035

■ 6.5389, 0.1843,
0.1165

■ 95.7199, 0.3626,
0.4115

■ 4.7670, 0.1686,
0.0906

■ 3.6477, 0.1575,
0.0724

■ 3.0569, 0.1513,
0.0621

Harmonies

Analogous

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



34.6631, 0.2938, 0.3121



34.6631, 0.3013, 0.3101



34.6631, 0.3120, 0.3130

Triad

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



34.6631, 0.3013, 0.3101



34.6631, 0.3347, 0.3388



34.6631, 0.3023, 0.3382

Complementary

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



34.6631, 0.3013, 0.3101



40.2455, 0.3237, 0.3472

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.



34.6631, 0.3131, 0.3458



34.6631, 0.3013, 0.3101



34.6631, 0.3319, 0.3459

Square

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



34.6631, 0.3013, 0.3101



34.6631, 0.3314, 0.3294



34.6631, 0.3240, 0.3485



34.6631, 0.2943, 0.3282

Rectangle

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



34.6631, 0.3013, 0.3101



34.6631, 0.3195, 0.3173



34.6631, 0.3240, 0.3485



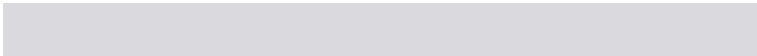
34.6631, 0.3057, 0.3412

Sweetspot

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



34.6646, 0.3013, 0.3101



69.9207, 0.3098, 0.3241



39.3309, 0.3012, 0.3290



15.6290, 0.3099, 0.3244



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



34.6646, 0.3013, 0.3101



59.9960, 0.2988, 0.3060



35.3391, 0.3074, 0.3105



7.7577, 0.2986, 0.3056



2.2177, 0.1501, 0.0600



0.0618, 0.1503, 0.0602

Inverse Universe

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



36.0499, 0.3136, 0.3108



62.9569, 0.3138, 0.3071



39.5358, 0.3177, 0.3476



8.1479, 0.3138, 0.3067



8.7374, 0.3212, 0.1543



0.2431, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 34.6631, 0.3013, 0.3101 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 34.6631, 0.3013, 0.3101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

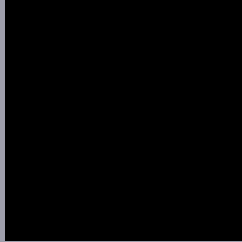
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

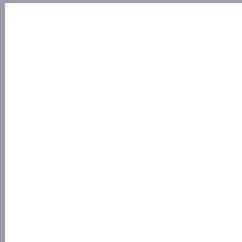
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.6631, 0.3013, 0.3101

Background



This preview shows how black text looks on a background with the Yxy color 34.6631, 0.3013, 0.3101.

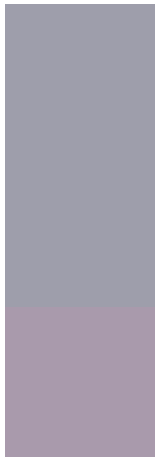


This preview shows how white text looks on a background with the Yxy color 34.6631, 0.3013, 0.3101.

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

34.6631, 0.3013, 0.3101

Protanopia

34.6631, 0.3013, 0.3101

Deuteranopia

34.5248, 0.3110, 0.3036



Tritanopia

34.6631, 0.3013, 0.3101

Trichromacy



Original Color

34.6631, 0.3013, 0.3101

Protanomaly

34.6631, 0.3013, 0.3101

Deuteranomaly

34.4206, 0.3071, 0.3047

Tritanomaly

34.6631, 0.3013, 0.3101

Monochromacy



Original Color

34.6631, 0.3013, 0.3101

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.8115, 0.3092, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6631, 0.3013, 0.3101 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(158, 158, 171)` looks like.

```
.text, #text, p{  
    color:rgb(158, 158, 171)  
}
```

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(158, 158, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 158, 171) }
```

Border

The CSS property to change the border of an element to Yxy 34.6631, 0.3013, 0.3101 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(158, 158, 171) }
```

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

```
.border{ border-color:rgb(158, 158, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 158, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 158, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 158, 171);  
box-shadow:4px 4px 4px 4px rgb(158, 158,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6631, 0.3013, 0.3101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 158, 171) }
```

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

```
.background{ background-color: rgb(158,  
158, 171) }
```

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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