

Converting Colors

$Yxy(33.9563, 0.2989, 0.3283)$

Have a look what the booklet for
Yxy(33.9563, 0.2989, 0.3283)
contains.

Yxy(33.8258, 0.2987, 0.3274)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(33.8258, 0.2987, 0.3274)

Conversions

Conversions Part 1

Format	Color
Hex	92A0A1
RGB	146, 160, 161
RGB Percent	57%, 63%, 63%
CMY	0.4274, 0.3726, 0.3685
CMYK	0.09, 0.01, 0.00, 0.37
HSL	184°, 7%, 60%
HSV	184°, 9%, 63%
XYZ	30.8606, 33.8258, 38.6300
YIQ	155.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

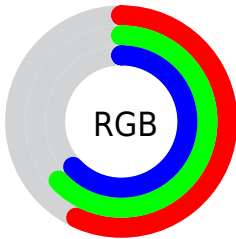
Format	Color
RYB	146, 153, 161
Decimal	9609377
CIELab	64.82, -4.72, -2.23
CIElCh	65, 5.224, 205.312
Yxy	33.8258, 0.2987, 0.3274
Android (android.graphics.Color)	4287799457 (0xFF92A0A1)
YUV	155.9280, 2.5005, -8.7069
Hunter-Lab	58.1600, -7.0649, 1.3314

Details

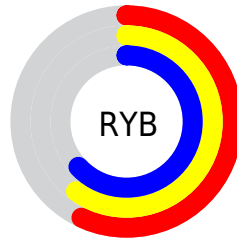
The Yxy color **33.8258, 0.2987, 0.3274** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5329, 0.3284, 0.3306**, and the grayscale version is **33.2053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8381, 0.3013, 0.3278**, and **14.4960, 0.2931, 0.3268** is the 20% darker color. If you saturate the color by 10%, you get **32.0752, 0.2843, 0.3255**, and if you desaturate by 10%, it is **35.7904, 0.3138, 0.3291**.

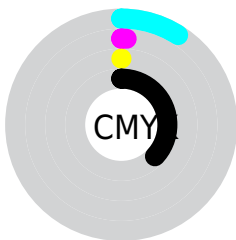
Distribution



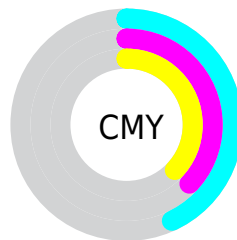
- Red (57%)
- Green (63%)
- Blue (63%)



- Red (57%)
- Yellow (60%)
- Blue (63%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (37%)



- Cyan (43%)
- Magenta (37%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.8258, 0.2987, 0.3274 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 33.8258, 0.2987, 0.3274 by changing the saturation by 10% instead.

■ 33.8258, 0.2987,
0.3274

■ 33.8258, 0.2987,
0.3274

319.3546, 0.3061,
0.3283

■ 22.7598, 0.2967,
0.3271

■ 65.6627, 0.3015,
0.3277

■ 14.4163, 0.2941,
0.3268

■ 87.2024, 0.3025,
0.3279

■ 8.4107, 0.2905,
0.3263

113.0021, 0.3033,
0.3280

■ 4.3589, 0.2852,
0.3255

143.4462, 0.3040,
0.3281

■ 1.8763, 0.2764,
0.3242

178.9191, 0.3047,
0.3281

■ 0.5341, 0.2358,
0.3209

219.8052, 0.3052,

■ 0.0000, 0.0000,

0.3282

0.0000

266.4889, 0.3057,
0.3282

■ 33.8258, 0.2987,
0.3274

■ 33.8258, 0.2987,
0.3274

■ 32.0752, 0.2843,
0.3255

■ 35.7904, 0.3138,
0.3291

■ 30.5258, 0.2707,
0.3236

■ 37.9730, 0.3292,
0.3307

■ 29.1697, 0.2584,
0.3215

■ 40.3826, 0.3447,
0.3321

■ 27.9969, 0.2475,
0.3193

■ 43.0265, 0.3600,
0.3333

■ 26.9966, 0.2383,
0.3170

■ 45.9119, 0.3751,
0.3344

■ 26.1566, 0.2308,
0.3147

■ 49.0454, 0.3898,
0.3354

■ 25.4633, 0.2252,
0.3125

■ 51.7198, 0.4006,
0.3363

■ 24.9006, 0.2214,
0.3102

■ 52.1254, 0.4002,
0.3374

■ 24.4347, 0.2190,
0.3080

■ 52.5345, 0.3998,
0.3386

Harmonies

Analogous

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



33.8258, 0.3041, 0.3347



33.8258, 0.2987, 0.3274



33.8258, 0.2970, 0.3206

Triad

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



33.8258, 0.2987, 0.3274



33.8258, 0.3134, 0.3179



33.8258, 0.3261, 0.3419

Complementary

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



33.8258, 0.2987, 0.3274



30.5329, 0.3284, 0.3306

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.



33.8258, 0.3287, 0.3371



33.8258, 0.2987, 0.3274



33.8258, 0.3213, 0.3234

Square

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



33.8258, 0.2987, 0.3274



33.8258, 0.3054, 0.3152



33.8258, 0.3269, 0.3304



33.8258, 0.3199, 0.3432

Rectangle

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



33.8258, 0.2987, 0.3274



33.8258, 0.2982, 0.3173



33.8258, 0.3269, 0.3304



33.8258, 0.3274, 0.3406

Sweetspot

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



33.8272, 0.2987, 0.3274



62.7211, 0.3081, 0.3285



33.7162, 0.3107, 0.3507



13.6951, 0.3069, 0.3284



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



33.8272, 0.2987, 0.3274



59.9445, 0.2959, 0.3271



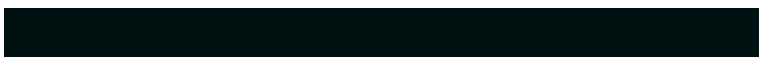
31.3102, 0.2986, 0.3159



7.9283, 0.2988, 0.3274



19.5089, 0.2189, 0.3080



0.4328, 0.2212, 0.3162

Inverse Universe

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



30.6786, 0.3147, 0.3082



53.2606, 0.3152, 0.3039



32.9372, 0.3272, 0.3418



7.1938, 0.3147, 0.3083



7.8136, 0.3384, 0.1638



0.1665, 0.3314, 0.1600

Previews

White Background



This preview shows how the Yxy color 33.8258, 0.2987, 0.3274 looks on a white background.

Color Contrast Check

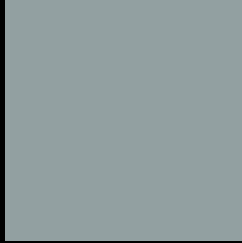
Large Text (above 18pt) WCAG AA × Fail

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 33.8258, 0.2987, 0.3274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

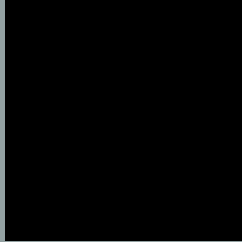
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

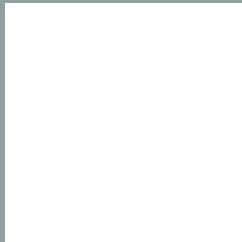
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.8258, 0.2987, 0.3274

Background



This preview shows how black text looks on a background with the Yxy color 33.8258, 0.2987, 0.3274.



This preview shows how white text looks on a background with the Yxy color 33.8258, 0.2987, 0.3274.

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

33.8258, 0.2987, 0.3274

Protanopia

33.6511, 0.3129, 0.3246

Deuteranopia

33.6469, 0.3205, 0.3133



Tritanopia

33.6899, 0.2921, 0.3095

Trichromacy



Original Color

33.8258, 0.2987, 0.3274

Protanomaly

33.5220, 0.3071, 0.3245

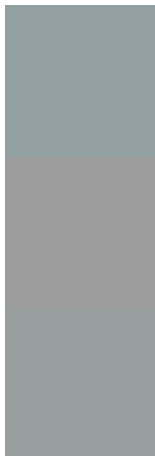
Deuteranomaly

33.6284, 0.3122, 0.3187

Tritanomaly

33.7893, 0.2946, 0.3169

Monochromacy



Original Color

33.8258, 0.2987, 0.3274

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.2580, 0.3070, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.8258, 0.2987, 0.3274 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, 160, 161)` looks like.

```
.text, #text, p{  
    color:rgb(146, 160, 161)  
}
```

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, 160, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 160, 161) }
```

Border

The CSS property to change the border of an element to Yxy 33.8258, 0.2987, 0.3274 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, 160, 161) }
```

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

```
.border{ border-color:rgb(146, 160, 161) }
```

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

Here you see how a box with a 4 pixel rgb(146, 160, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 160, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 160, 161);  
box-shadow:4px 4px 4px 4px rgb(146, 160,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 33.8258, 0.2987, 0.3274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 160, 161) }
```

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

```
.background{ background-color: rgb(146,  
160, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor