

Converting Colors

Yxy(33.1448, 0.3155, 0.3335)

Have a look what the booklet for
Yxy(33.1448, 0.3155, 0.3335)
contains.

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Color

Yxy(33.1448, 0.3155, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	9C9C99
RGB	156, 156, 153
RGB Percent	61%, 61%, 60%
CMY	0.3880, 0.3883, 0.4000
CMYK	0.00, 0.00, 0.02, 0.39
HSL	59°, 2%, 61%
HSV	59°, 2%, 61%
XYZ	31.3559, 33.1448, 34.8840
YIQ	155.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

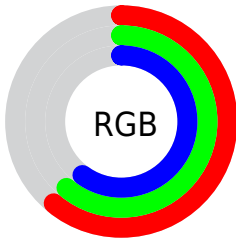
Format	Color
RYB	153, 156, 153
Decimal	10263705
CIELab	64.28, -0.54, 1.56
CIElCh	64, 1.649, 109.117
Yxy	33.1448, 0.3155, 0.3335
Android (android.graphics.Color)	4288453785 (0xFF9C9C99)
YUV	155.6580, -1.3104, 0.2999
Hunter-Lab	57.5715, -3.5315, 4.3748

Details

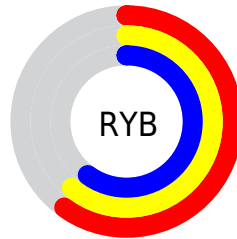
The Yxy color **33.1448, 0.3155, 0.3335** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.9792, 0.3099, 0.3245**, and the grayscale version is **33.0948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2998, 0.3148, 0.3324**, and **14.0657, 0.3166, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **32.5595, 0.3301, 0.3571**, and if you desaturate by 10%, it is **33.8007, 0.3015, 0.3109**.

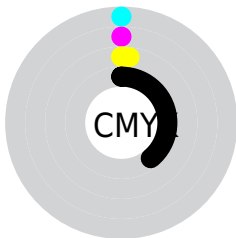
Distribution



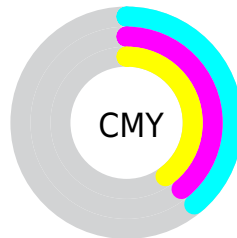
- Red (61%)
- Green (61%)
- Blue (60%)



- Red (60%)
- Yellow (61%)
- Blue (60%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (39%)



- Cyan (39%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.1448, 0.3155, 0.3335 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 33.1448, 0.3155, 0.3335 by changing the saturation by 10% instead.

■ 33.1448, 0.3155,
0.3335

■ 33.1448, 0.3155,
0.3335

316.3017, 0.3140,
0.3311

■ 22.2374, 0.3159,
0.3341

■ 64.6015, 0.3149,
0.3326

■ 14.0314, 0.3164,
0.3350

■ 85.9196, 0.3147,
0.3323

■ 8.1425, 0.3172,
0.3362

111.4768, 0.3146,
0.3320

■ 4.1863, 0.3182,
0.3380

141.6574, 0.3144,
0.3318

■ 1.7783, 0.3201,
0.3410

176.8457, 0.3143,
0.3316

■ 0.4736, 0.3317,
0.3595

217.4263, 0.3142,

■ 0.0000, 0.0000,

0.3314

0.0000

263.7835, 0.3141,
0.3313

■ 33.1448, 0.3155,
0.3335

■ 33.1448, 0.3155,
0.3335

■ 32.5595, 0.3301,
0.3571

■ 33.8007, 0.3015,
0.3109

■ 32.0379, 0.3451,
0.3812

■ 34.5253, 0.2884,
0.2896

■ 31.5786, 0.3600,
0.4051

■ 35.3224, 0.2762,
0.2698

■ 31.1787, 0.3744,
0.4281

■ 36.1942, 0.2651,
0.2516

■ 30.8350, 0.3877,
0.4491

■ 37.1429, 0.2549,
0.2349

■ 30.5440, 0.3993,
0.4674

■ 38.1705, 0.2456,
0.2198

■ 30.3018, 0.4088,
0.4821

■ 38.8037, 0.2411,
0.2125

■ 30.1038, 0.4159,
0.4928

■ 38.9102, 0.2412,
0.2129

■ 29.9450, 0.4204,
0.4993

■ 39.0169, 0.2412,
0.2133

Harmonies

Analogous

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



33.1448, 0.3172, 0.3329



33.1448, 0.3155, 0.3335



33.1448, 0.3130, 0.3329

Triad

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



33.1448, 0.3155, 0.3335



33.1448, 0.3077, 0.3268



33.1448, 0.3150, 0.3268

Complementary

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



33.1448, 0.3155, 0.3335



31.9792, 0.3099, 0.3245

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.



33.1448, 0.3124, 0.3252



33.1448, 0.3155, 0.3335



33.1448, 0.3082, 0.3252

Square

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



33.1448, 0.3155, 0.3335



33.1448, 0.3085, 0.3290



33.1448, 0.3099, 0.3246



33.1448, 0.3169, 0.3290

Rectangle

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



33.1448, 0.3155, 0.3335



33.1448, 0.3113, 0.3319



33.1448, 0.3099, 0.3246



33.1448, 0.3142, 0.3262

Sweetspot

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



33.1462, 0.3155, 0.3335



60.2661, 0.3142, 0.3314



32.1608, 0.3157, 0.3289



13.2627, 0.3141, 0.3312



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



33.1462, 0.3155, 0.3335



60.1508, 0.3156, 0.3337



33.0257, 0.3141, 0.3336



7.8015, 0.3154, 0.3333



24.5640, 0.4227, 0.5025



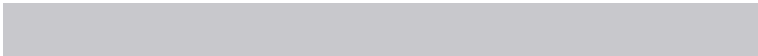
0.4456, 0.4213, 0.5037

Inverse Universe

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



31.9792, 0.3099, 0.3245



57.9372, 0.3098, 0.3242



32.0983, 0.3113, 0.3244



7.5407, 0.3101, 0.3247



2.0389, 0.1505, 0.0617



0.0420, 0.1528, 0.0699

Previews

White Background



This preview shows how the Yxy color 33.1448, 0.3155, 0.3335 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 33.1448, 0.3155, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

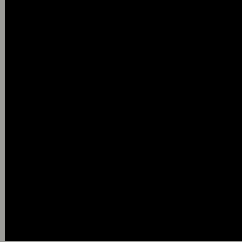
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

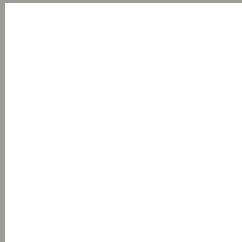
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.1448, 0.3155, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 33.1448, 0.3155, 0.3335.



This preview shows how white text looks on a background with the Yxy color 33.1448, 0.3155, 0.3335.

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

33.1448, 0.3155, 0.3335

Protanopia

33.0806, 0.3195, 0.3335

Deuteranopia

33.1242, 0.3303, 0.3247



Tritanopia

33.1335, 0.3057, 0.3113

Trichromacy



Original Color

33.1448, 0.3155, 0.3335

Protanomaly

32.9788, 0.3185, 0.3335

Deuteranomaly

33.2226, 0.3249, 0.3276

Tritanomaly

33.1840, 0.3092, 0.3201

Monochromacy



Original Color

33.1448, 0.3155, 0.3335

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.2114, 0.3136, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1448, 0.3155, 0.3335 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, 156, 153)` looks like.

```
.text, #text, p{  
    color:rgb(156, 156, 153)  
}
```

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, 156, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 156, 153) }
```

Border

The CSS property to change the border of an element to Yxy 33.1448, 0.3155, 0.3335 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, 156, 153) }
```

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

```
.border{ border-color:rgb(156, 156, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 156, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 156, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 156, 153);  
box-shadow:4px 4px 4px 4px rgb(156, 156,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1448, 0.3155, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 156, 153) }
```

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

```
.background{ background-color: rgb(156,  
156, 153) }
```

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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