

Converting Colors

$Yxy(33.0293, 0.3482, 0.3393)$

Have a look what the booklet for
Yxy(33.0293, 0.3482, 0.3393)
contains.

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Color

Yxy(33.1430, 0.3479, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	B1968F
RGB	177, 150, 143
RGB Percent	69%, 59%, 56%
CMY	0.3057, 0.4118, 0.4392
CMYK	0.00, 0.15, 0.19, 0.31
HSL	12°, 18%, 63%
HSV	12°, 19%, 69%
XYZ	34.0031, 33.1430, 30.5920
YIQ	157.2750, 18.3390, 3.5470

Conversions

Conversions Part 2

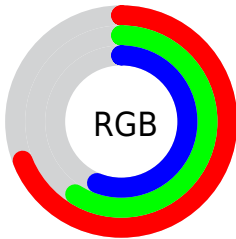
Format	Color
RYB	177, 152, 143
Decimal	11638415
CIELab	64.28, 8.93, 7.42
CIElCh	64, 11.605, 39.714
Yxy	33.1430, 0.3479, 0.3391
Android (android.graphics.Color)	4289828495 (0xFFB1968F)
YUV	157.2750, -7.0376, 17.2988
Hunter-Lab	57.5700, 4.6817, 8.7929

Details

The Yxy color **33.1430, 0.3479, 0.3391** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.7868, 0.2838, 0.3187**, and the grayscale version is **33.8758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5406, 0.3406, 0.3368**, and **13.9991, 0.3595, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **28.4257, 0.3718, 0.3447**, and if you desaturate by 10%, it is **38.4873, 0.3280, 0.3337**.

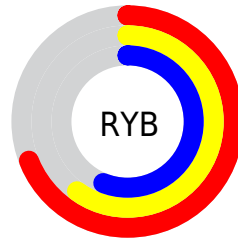
Distribution



Red (69%)

Green (59%)

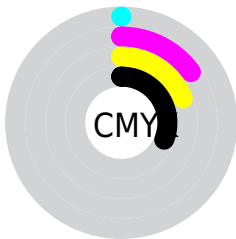
Blue (56%)



Red (69%)

Yellow (60%)

Blue (56%)

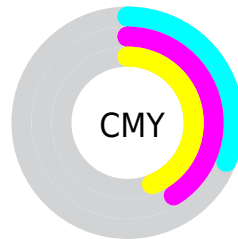


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (31%)



Cyan (31%)


Magenta (41%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.1430, 0.3479, 0.3391 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 33.1430, 0.3479, 0.3391 by changing the saturation by 10% instead.


 33.1430, 0.3479,
0.3391


 33.1430, 0.3479,
0.3391


316.2936, 0.3292,
0.3340

 22.2360, 0.3530,
0.3404


 64.5987, 0.3408,
0.3372

 14.0304, 0.3597,
0.3420


 85.9163, 0.3382,
0.3365

 8.1418, 0.3692,
0.3442


111.4727, 0.3361,
0.3360

 4.1858, 0.3835,
0.3471

141.6526, 0.3343,
0.3355

 1.7781, 0.4072,
0.3513

176.8402, 0.3327,
0.3350

 0.4734, 0.5852,
0.4148


217.4200, 0.3314,


 0.0000, 0.0000,

0.3346


0.0000

263.7763, 0.3302,
0.3343

 33.1430, 0.3479,
0.3391


 33.1430, 0.3479,
0.3391


 28.4257, 0.3718,
0.3447

 38.4873, 0.3280,
0.3337

 24.3078, 0.4002,
0.3504


 44.4757, 0.3116,
0.3286


 20.7665, 0.4335,
0.3555

 51.1306, 0.2979,
0.3240

 17.7756, 0.4712,
0.3596

 58.4717, 0.2865,
0.3197

 15.3070, 0.5117,
0.3616

 66.5179, 0.2769,
0.3159

■ 13.3300, 0.5519,
0.3607

■ 75.2874, 0.2689,
0.3124

■ 11.8104, 0.5872,
0.3563

■ 84.0052, 0.2678,
0.3218

■ 10.7048, 0.6143,
0.3494

■ 88.0922, 0.2686,
0.3289

■ 10.6344, 0.6162,
0.3489

Harmonies

Analogous

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



33.1430, 0.3390, 0.3235



33.1430, 0.3479, 0.3391



33.1430, 0.3470, 0.3527

Triad

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



33.1430, 0.3479, 0.3391



33.1430, 0.3019, 0.3496



33.1430, 0.2887, 0.2986

Complementary

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



33.1430, 0.3479, 0.3391



37.7868, 0.2838, 0.3187

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.



33.1430, 0.2794, 0.3045



33.1430, 0.3479, 0.3391



33.1430, 0.2869, 0.3339

Square

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



33.1430, 0.3479, 0.3391



33.1430, 0.3201, 0.3594



33.1430, 0.2788, 0.3172



33.1430, 0.3045, 0.3006

Rectangle

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



33.1430, 0.3479, 0.3391



33.1430, 0.3411, 0.3587



33.1430, 0.2788, 0.3172



33.1430, 0.2847, 0.2997

Sweetspot

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



33.1445, 0.3479, 0.3391



72.1160, 0.3225, 0.3321



31.9090, 0.3216, 0.2911



15.4860, 0.3236, 0.3324



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.



33.1445, 0.3479, 0.3391



55.6771, 0.3573, 0.3414



38.9111, 0.3436, 0.3625



8.7785, 0.3282, 0.3337



7.7733, 0.6145, 0.3503



0.3267, 0.5630, 0.3912

Inverse Universe

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



37.7868, 0.2838, 0.3187



65.4881, 0.2777, 0.3162



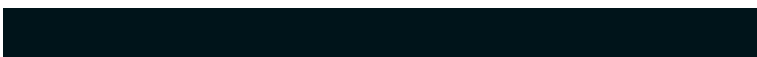
31.8686, 0.2823, 0.2931



9.3295, 0.2986, 0.3242



16.1207, 0.2063, 0.2627



0.5821, 0.2120, 0.2832

Previews

White Background



This preview shows how the Yxy color 33.1430, 0.3479, 0.3391 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 33.1430, 0.3479, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

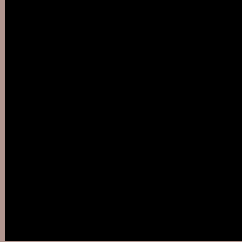
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.1430, 0.3479, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 33.1430, 0.3479, 0.3391.



This preview shows how white text looks on a background with the Yxy color 33.1430, 0.3479, 0.3391.

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

33.1430, 0.3479, 0.3391

Protanopia

33.0951, 0.3271, 0.3425

Deuteranopia

33.0260, 0.3468, 0.3392



Tritanopia

33.2667, 0.3341, 0.3137

Trichromacy



Original Color

33.1430, 0.3479, 0.3391

Protanomaly

33.0423, 0.3346, 0.3409

Deuteranomaly

33.0260, 0.3468, 0.3392

Tritanomaly

33.2598, 0.3390, 0.3234

Monochromacy



Original Color

33.1430, 0.3479, 0.3391

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.2707, 0.3246, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1430, 0.3479, 0.3391 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(177, 150, 143)` looks like.

```
.text, #text, p{  
    color:rgb(177, 150, 143)  
}
```

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(177, 150, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 150, 143) }
```

Border

The CSS property to change the border of an element to Yxy 33.1430, 0.3479, 0.3391 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(177, 150, 143) }
```

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

```
.border{ border-color:rgb(177, 150, 143) }
```

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

Here you see how a box with a 4 pixel rgb(177, 150, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 150, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 150, 143);  
box-shadow:4px 4px 4px 4px rgb(177, 150,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1430, 0.3479, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 150, 143) }
```

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

```
.background{ background-color: rgb(177,  
150, 143) }
```

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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