

Converting Colors

$Yxy(30.7904, 0.3550, 0.3464)$

Have a look what the booklet for
Yxy(30.7904, 0.3550, 0.3464)
contains.

Yxy(30.8285, 0.3554, 0.3468)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.8285, 0.3554, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	AD9185
RGB	173, 145, 133
RGB Percent	68%, 57%, 52%
CMY	0.3215, 0.4314, 0.4785
CMYK	0.00, 0.16, 0.23, 0.32
HSL	18°, 20%, 60%
HSV	18°, 23%, 68%
XYZ	31.5930, 30.8285, 26.4727
YIQ	152.0040, 20.5400, 2.2040

Conversions

Conversions Part 2

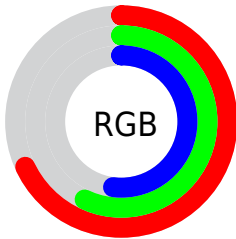
Format	Color
RYB	173, 150, 133
Decimal	11374981
CIELab	62.36, 8.58, 10.28
CIElCh	62, 13.394, 50.137
Yxy	30.8285, 0.3554, 0.3468
Android (android.graphics.Color)	4289565061 (0xFFAD9185)
YUV	152.0040, -9.3690, 18.4135
Hunter-Lab	55.5234, 4.4010, 10.5979

Details

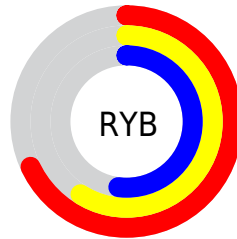
The Yxy color **30.8285, 0.3554, 0.3468** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.4913, 0.2777, 0.3105**, and the grayscale version is **31.4364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0500, 0.3468, 0.3437**, and **12.8176, 0.3691, 0.3520** is the 20% darker color. If you saturate the color by 10%, you get **26.8852, 0.3795, 0.3550**, and if you desaturate by 10%, it is **35.2478, 0.3349, 0.3388**.

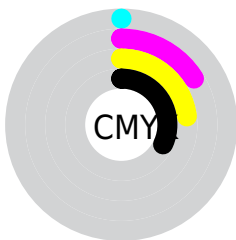
Distribution



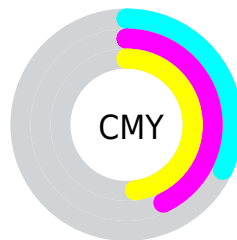
- Red (68%)
- Green (57%)
- Blue (52%)



- Red (68%)
- Yellow (59%)
- Blue (52%)



- Cyan (0%)
- Magenta (16%)
- Yellow (23%)
- Black (32%)





- Cyan (32%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.8285, 0.3554, 0.3468 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 30.8285, 0.3554, 0.3468 by changing the saturation by 10% instead.


 30.8285, 0.3554,
0.3468


 30.8285, 0.3554,
0.3468


305.7474, 0.3324,
0.3376

 20.4683, 0.3617,
0.3492


 60.9700, 0.3466,
0.3434

 12.7359, 0.3702,
0.3522


 81.5200, 0.3435,
0.3422

 7.2469, 0.3823,
0.3563


 106.2354, 0.3408,
0.3411

 3.6170, 0.4005,
0.3620

135.5007, 0.3386,
0.3402

 1.4617, 0.4327,
0.3714

169.7001, 0.3367,
0.3394

 0.2616, 0.6366,
0.3634

209.2181, 0.3351,

 0.0000, 0.0000,

0.3388

0.0000

254.4391, 0.3337,
0.3382

■ 30.8285, 0.3554,
0.3468

■ 30.8285, 0.3554,
0.3468

■ 26.8852, 0.3795,
0.3550

■ 35.2478, 0.3349,
0.3388

■ 23.3974, 0.4076,
0.3630

■ 40.1541, 0.3176,
0.3313

■ 20.3496, 0.4395,
0.3702

■ 45.5636, 0.3029,
0.3242

■ 17.7234, 0.4746,
0.3757

■ 51.4902, 0.2906,
0.3178

■ 15.4992, 0.5112,
0.3783

■ 57.9473, 0.2801,
0.3119

■ 13.6557, 0.5466,
0.3770

■ 64.9480, 0.2712,
0.3065

■ 12.1692, 0.5772,
0.3711

■ 72.5047, 0.2636,
0.3016

■ 11.3346, 0.5953,
0.3655

■ 79.5278, 0.2649,
0.3144

■ 86.9700, 0.2665,
0.3277

Harmonies

Analogous

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



30.8285, 0.3487, 0.3288



30.8285, 0.3554, 0.3468



30.8285, 0.3502, 0.3610

Triad

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



30.8285, 0.3554, 0.3468



30.8285, 0.2931, 0.3475



30.8285, 0.2901, 0.2931

Complementary

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



30.8285, 0.3554, 0.3468



33.4913, 0.2777, 0.3105

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.



30.8285, 0.2762, 0.2966



30.8285, 0.3554, 0.3468



30.8285, 0.2779, 0.3276

Square

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



30.8285, 0.3554, 0.3468



30.8285, 0.3138, 0.3623



30.8285, 0.2718, 0.3090



30.8285, 0.3104, 0.2985

Rectangle

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



30.8285, 0.3554, 0.3468



30.8285, 0.3408, 0.3662



30.8285, 0.2718, 0.3090



30.8285, 0.2846, 0.2932

Sweetspot

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



30.8299, 0.3554, 0.3468



68.2930, 0.3241, 0.3342



28.2312, 0.3279, 0.2888



14.7329, 0.3251, 0.3346



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.



30.8299, 0.3554, 0.3468



51.3202, 0.3679, 0.3512



37.4894, 0.3492, 0.3749



8.3927, 0.3279, 0.3359



8.4158, 0.5934, 0.3670



0.3311, 0.5341, 0.4142

Inverse Universe

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



33.4913, 0.2777, 0.3105



56.9612, 0.2698, 0.3056



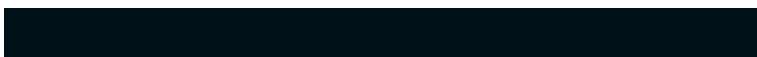
27.0517, 0.2753, 0.2785



8.6600, 0.2986, 0.3220



12.3789, 0.1972, 0.2298



0.4341, 0.2065, 0.2633

Previews

White Background



This preview shows how the Yxy color 30.8285, 0.3554, 0.3468 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 30.8285, 0.3554, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

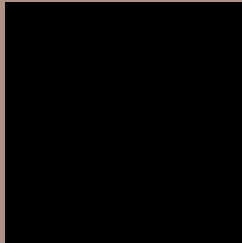
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8285, 0.3554, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 30.8285, 0.3554, 0.3468.



This preview shows how white text looks on a background with the Yxy color 30.8285, 0.3554, 0.3468.

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

30.8285, 0.3554, 0.3468

Protanopia

30.7584, 0.3336, 0.3507

Deuteranopia

30.7149, 0.3543, 0.3469



Tritanopia

30.7599, 0.3371, 0.3133

Trichromacy



Original Color

30.8285, 0.3554, 0.3468

Protanomaly

30.7156, 0.3415, 0.3488

Deuteranomaly

30.7149, 0.3543, 0.3469

Tritanomaly

30.7189, 0.3432, 0.3247

Monochromacy



Original Color

30.8285, 0.3554, 0.3468

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.0128, 0.3280, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8285, 0.3554, 0.3468 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(173, 145, 133)` looks like.

```
.text, #text, p{  
    color:rgb(173, 145, 133)  
}
```

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(173, 145, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 145, 133) }
```

Border

The CSS property to change the border of an element to Yxy 30.8285, 0.3554, 0.3468 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(173, 145, 133) }
```

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

```
.border{ border-color:rgb(173, 145, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 145, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 145, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 145, 133);  
box-shadow:4px 4px 4px 4px rgb(173, 145,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8285, 0.3554, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 145, 133) }
```

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

```
.background{ background-color: rgb(173,  
145, 133) }
```

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