

Converting Colors

$Y_{xy}(33.2570, 0.3500, 0.3337)$

Have a look what the booklet for
Yxy(33.2570, 0.3500, 0.3337)
contains.

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Color

Yxy(33.3630, 0.3503, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	B59591
RGB	181, 149, 145
RGB Percent	71%, 58%, 57%
CMY	0.2903, 0.4156, 0.4314
CMYK	0.00, 0.18, 0.20, 0.29
HSL	7°, 20%, 64%
HSV	7°, 20%, 71%
XYZ	34.9076, 33.3630, 31.3800
YIQ	158.1120, 20.3560, 5.5400

Conversions

Conversions Part 2

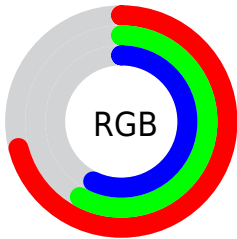
Format	Color
RYB	181, 150, 145
Decimal	11900305
CIELab	64.45, 11.28, 6.61
CIElCh	64, 13.075, 30.348
Yxy	33.3630, 0.3503, 0.3348
Android (android.graphics.Color)	4290090385 (0xFFB59591)
YUV	158.1120, -6.4642, 20.0728
Hunter-Lab	57.7607, 6.7949, 8.2217

Details

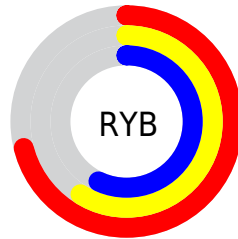
The Yxy color **33.3630, 0.3503, 0.3348** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.7701, 0.2831, 0.3231**, and the grayscale version is **34.2676, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.8399, 0.3424, 0.3334**, and **14.1508, 0.3631, 0.3350** is the 20% darker color. If you saturate the color by 10%, you get **28.1112, 0.3757, 0.3379**, and if you desaturate by 10%, it is **39.4082, 0.3295, 0.3318**.

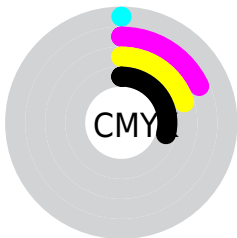
Distribution



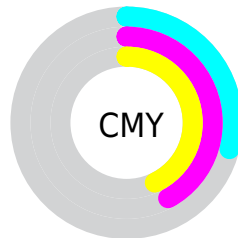
- Red (71%)
- Green (58%)
- Blue (57%)



- Red (71%)
- Yellow (59%)
- Blue (57%)



- Cyan (0%)
- Magenta (18%)
- Yellow (20%)
- Black (29%)





- Cyan (29%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.3630, 0.3503, 0.3348 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 33.3630, 0.3503, 0.3348 by changing the saturation by 10% instead.


 33.3630, 0.3503,
0.3348


 33.3630, 0.3503,
0.3348


317.2823, 0.3303,
0.3320

 22.4047, 0.3557,
0.3354


 64.9418, 0.3427,
0.3338

 14.1545, 0.3629,
0.3362


 86.3312, 0.3400,
0.3334

 8.2282, 0.3730,
0.3372


111.9663, 0.3377,
0.3331

 4.2413, 0.3882,
0.3384

142.2315, 0.3358,
0.3328

 1.8095, 0.4134,
0.3396

177.5114, 0.3341,
0.3326

 0.4931, 0.5671,
0.3758


218.1902, 0.3327,


 0.0000, 0.0000,


0.3324


0.0000


264.6523, 0.3314,
0.3322


 33.3630, 0.3503,
0.3348


 33.3630, 0.3503,
0.3348


 28.1112, 0.3757,
0.3379


 39.4082, 0.3295,
0.3318


 23.6154, 0.4065,
0.3410


 46.2729, 0.3125,
0.3290


 19.8422, 0.4429,
0.3438

 53.9880, 0.2987,
0.3264

 16.7537, 0.4843,
0.3458

 62.5811, 0.2873,
0.3241

 14.3086, 0.5286,
0.3464

 72.0786, 0.2779,
0.3219

■ 12.4614, 0.5713,
0.3451

■ 82.5061, 0.2702,
0.3200

■ 11.1601, 0.6064,
0.3417

■ 88.5600, 0.2706,
0.3289

■ 10.3380, 0.6304,
0.3375

■ 10.3310, 0.6306,
0.3375

Harmonies

Analogous

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



33.3630, 0.3373, 0.3176



33.3630, 0.3503, 0.3348



33.3630, 0.3529, 0.3512

Triad

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



33.3630, 0.3503, 0.3348



33.3630, 0.3068, 0.3567



33.3630, 0.2816, 0.2961

Complementary

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



33.3630, 0.3503, 0.3348



40.7701, 0.2831, 0.3231

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.



33.3630, 0.2741, 0.3051



33.3630, 0.3503, 0.3348



33.3630, 0.2883, 0.3404

Square

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



33.3630, 0.3503, 0.3348



33.3630, 0.3273, 0.3648



33.3630, 0.2765, 0.3213



33.3630, 0.2974, 0.2956

Rectangle

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



33.3630, 0.3503, 0.3348



33.3630, 0.3483, 0.3596



33.3630, 0.2765, 0.3213



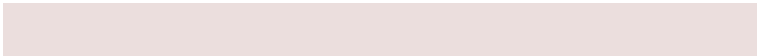
33.3630, 0.2780, 0.2982

Sweetspot

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



33.3645, 0.3503, 0.3348



75.0866, 0.3227, 0.3307



33.2542, 0.3184, 0.2851



16.0628, 0.3238, 0.3309



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



33.3645, 0.3503, 0.3348



55.3564, 0.3612, 0.3362



39.3452, 0.3457, 0.3589



8.6537, 0.3284, 0.3316



7.1783, 0.6292, 0.3386



0.2752, 0.5931, 0.3673

Inverse Universe

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



40.7701, 0.2831, 0.3231



71.1180, 0.2767, 0.3217



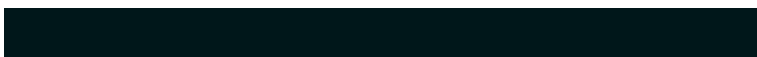
34.2788, 0.2815, 0.2972



9.4655, 0.2986, 0.3264



19.8619, 0.2150, 0.2938



0.6709, 0.2179, 0.3045

Previews

White Background



This preview shows how the Yxy color 33.3630, 0.3503, 0.3348 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 33.3630, 0.3503, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

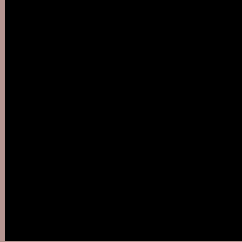
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.3630, 0.3503, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 33.3630, 0.3503, 0.3348.



This preview shows how white text looks on a background with the Yxy color 33.3630, 0.3503, 0.3348.

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

33.3630, 0.3503, 0.3348

Protanopia

33.5239, 0.3242, 0.3395

Deuteranopia

33.4077, 0.3445, 0.3377



Tritanopia

33.4033, 0.3395, 0.3139

Trichromacy



Original Color

33.3630, 0.3503, 0.3348

Protanomaly

33.2454, 0.3327, 0.3364

Deuteranomaly

33.3220, 0.3469, 0.3362

Tritanomaly

33.4248, 0.3434, 0.3221

Monochromacy



Original Color

33.3630, 0.3503, 0.3348

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.8496, 0.3256, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3630, 0.3503, 0.3348 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(181, 149, 145)` looks like.

```
.text, #text, p{  
    color:rgb(181, 149, 145)  
}
```

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(181, 149, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 149, 145) }
```

Border

The CSS property to change the border of an element to Yxy 33.3630, 0.3503, 0.3348 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(181, 149, 145) }
```

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

```
.border{ border-color:rgb(181, 149, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 149, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 149, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 149, 145);  
box-shadow:4px 4px 4px 4px rgb(181, 149,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3630, 0.3503, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 149, 145) }
```

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

```
.background{ background-color: rgb(181,  
149, 145) }
```

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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