

Converting Colors

$Yxy(35.2399, 0.3494, 0.3390)$

Have a look what the booklet for
Yxy(35.2399, 0.3494, 0.3390)
contains.

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Color

Yxy(35.2851, 0.3491, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	B79A93
RGB	183, 154, 147
RGB Percent	72%, 60%, 58%
CMY	0.2822, 0.3961, 0.4235
CMYK	0.00, 0.16, 0.20, 0.28
HSL	12°, 20%, 65%
HSV	12°, 20%, 72%
XYZ	36.3578, 35.2851, 32.5044
YIQ	161.8730, 19.5310, 3.9710

Conversions

Conversions Part 2

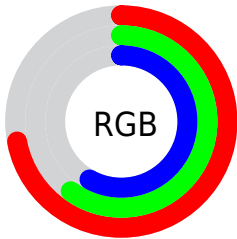
Format	Color
RYB	183, 156, 147
Decimal	12032659
CIELab	65.97, 9.64, 7.66
CIELCh	66, 12.312, 38.477
Yxy	35.2851, 0.3491, 0.3388
Android (android.graphics.Color)	4290222739 (0xFFB79A93)
YUV	161.8730, -7.3324, 18.5284
Hunter-Lab	59.4013, 5.3025, 9.1374

Details

The Yxy color **35.2851, 0.3491, 0.3388** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.7003, 0.2831, 0.3190**, and the grayscale version is **36.0995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6795, 0.3416, 0.3366**, and **15.2909, 0.3623, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **30.1810, 0.3734, 0.3442**, and if you desaturate by 10%, it is **41.0830, 0.3289, 0.3337**.

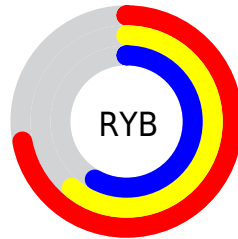
Distribution



Red (72%)

Green (60%)

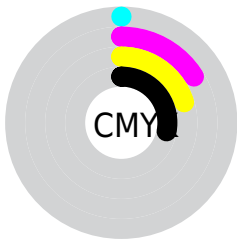
Blue (58%)



Red (72%)

Yellow (61%)

Blue (58%)

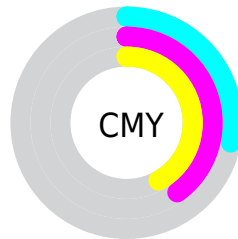


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (28%)



Cyan (28%)


Magenta (40%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2851, 0.3491, 0.3388 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 35.2851, 0.3491, 0.3388 by changing the saturation by 10% instead.


 35.2851, 0.3491,
0.3388


 35.2851, 0.3491,
0.3388

325.8250, 0.3299,
0.3339

 23.8826, 0.3542,
0.3400


 67.9272, 0.3419,
0.3370

 15.2465, 0.3610,
0.3415


 89.9356, 0.3393,
0.3364

 8.9926, 0.3705,
0.3435


116.2480, 0.3371,
0.3358

 4.7364, 0.3844,
0.3461

147.2489, 0.3352,
0.3353

 2.0934, 0.4072,
0.3497

183.3226, 0.3336,
0.3349

 0.6609, 0.5055,
0.3868


224.8536, 0.3322,


 0.0000, 0.0000,


0.3345


0.0000

272.2263, 0.3310,
0.3342


 35.2851, 0.3491,
0.3388


 35.2851, 0.3491,
0.3388


 30.1810, 0.3734,
0.3442


 41.0830, 0.3289,
0.3337


 25.7398, 0.4024,
0.3495


 47.5943, 0.3122,
0.3289

 21.9357, 0.4364,
0.3543

 54.8442, 0.2984,
0.3244

 18.7389, 0.4748,
0.3580

 62.8548, 0.2869,
0.3204

 16.1176, 0.5160,
0.3597

 71.6475, 0.2773,
0.3167

■ 14.0367, 0.5565,
0.3585

■ 81.1238, 0.2702,
0.3154

■ 12.4573, 0.5916,
0.3539

■ 88.8118, 0.2716,
0.3289

■ 11.3294, 0.6179,
0.3471

■ 11.2997, 0.6187,
0.3469

Harmonies

Analogous

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



35.2851, 0.3395, 0.3226



35.2851, 0.3491, 0.3388



35.2851, 0.3486, 0.3531

Triad

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



35.2851, 0.3491, 0.3388



35.2851, 0.3022, 0.3510



35.2851, 0.2872, 0.2976

Complementary

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



35.2851, 0.3491, 0.3388



40.7003, 0.2831, 0.3190

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.



35.2851, 0.2780, 0.3039



35.2851, 0.3491, 0.3388



35.2851, 0.2864, 0.3348

Square

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



35.2851, 0.3491, 0.3388



35.2851, 0.3212, 0.3609



35.2851, 0.2777, 0.3174



35.2851, 0.3034, 0.2993

Rectangle

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



35.2851, 0.3491, 0.3388



35.2851, 0.3427, 0.3595



35.2851, 0.2777, 0.3174



35.2851, 0.2832, 0.2988

Sweetspot

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



35.2867, 0.3491, 0.3388



77.5704, 0.3226, 0.3319



34.0960, 0.3212, 0.2894



16.9694, 0.3237, 0.3322



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



35.2867, 0.3491, 0.3388



58.7073, 0.3600, 0.3413



41.5433, 0.3446, 0.3626



9.2862, 0.3283, 0.3335



7.9575, 0.6169, 0.3484



0.3655, 0.5695, 0.3860

Inverse Universe

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



40.7003, 0.2831, 0.3190



70.3185, 0.2763, 0.3163



34.2231, 0.2816, 0.2930



9.9071, 0.2985, 0.3245



17.1627, 0.2074, 0.2666



0.6819, 0.2123, 0.2844

Previews

White Background



This preview shows how the Yxy color 35.2851, 0.3491, 0.3388 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 35.2851, 0.3491, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

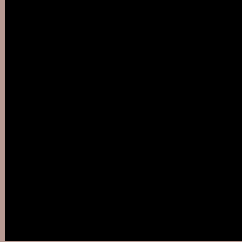
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2851, 0.3491, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 35.2851, 0.3491, 0.3388.



This preview shows how white text looks on a background with the Yxy color 35.2851, 0.3491, 0.3388.

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

35.2851, 0.3491, 0.3388

Protanopia

35.4506, 0.3276, 0.3436

Deuteranopia

35.3730, 0.3467, 0.3403



Tritanopia

35.4151, 0.3357, 0.3141

Trichromacy



Original Color

35.2851, 0.3491, 0.3388

Protanomaly

35.3943, 0.3349, 0.3420

Deuteranomaly

35.4944, 0.3478, 0.3403

Tritanomaly

35.4071, 0.3404, 0.3236

Monochromacy



Original Color

35.2851, 0.3491, 0.3388

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.7766, 0.3253, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2851, 0.3491, 0.3388 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(183, 154, 147)` looks like.

```
.text, #text, p{  
    color:rgb(183, 154, 147)  
}
```

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(183, 154, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 154, 147) }
```

Border

The CSS property to change the border of an element to Yxy 35.2851, 0.3491, 0.3388 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(183, 154, 147) }
```

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

```
.border{ border-color:rgb(183, 154, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 154, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 154, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 154, 147);  
box-shadow:4px 4px 4px 4px rgb(183, 154,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2851, 0.3491, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 154, 147) }
```

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

```
.background{ background-color: rgb(183,  
154, 147) }
```

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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