

Converting Colors

$Y_{xy}(35.3251, 0.3538, 0.3764)$

Have a look what the booklet for
Yxy(35.3251, 0.3538, 0.3764)
contains.

Yxy(35.3581, 0.3534, 0.3757)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.3581, 0.3534, 0.3757)

Conversions

Conversions Part 1

Format	Color
Hex	ABA080
RGB	171, 160, 128
RGB Percent	67%, 63%, 50%
CMY	0.3295, 0.3725, 0.4980
CMYK	0.00, 0.06, 0.25, 0.33
HSL	45°, 20%, 59%
HSV	45°, 25%, 67%
XYZ	33.2594, 35.3581, 25.4951
YIQ	159.6410, 16.8280, -7.6200

Conversions

Conversions Part 2

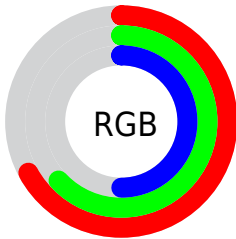
Format	Color
R_{YB}	143, 171, 128
Decimal	11247744
CIE _{Lab}	66.03, -1.22, 18.15
CIE _{LCh}	66, 18.195, 93.853
Yxy	35.3581, 0.3534, 0.3757
Android (android.graphics.Color)	4289437824 (0xFFABA080)
YUV	159.6410, -15.5990, 9.9618
Hunter-Lab	59.4627, -4.2189, 16.2028

Details

The Yxy color **35.3581, 0.3534, 0.3757** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.9889, 0.2721, 0.2775**, and the grayscale version is **35.0474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2680, 0.3456, 0.3669**, and **15.3533, 0.3651, 0.3906** is the 20% darker color. If you saturate the color by 10%, you get **33.4591, 0.3715, 0.3948**, and if you desaturate by 10%, it is **37.3893, 0.3363, 0.3567**.

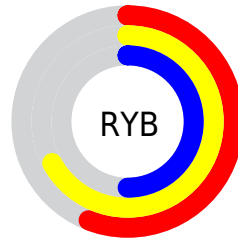
Distribution



Red (67%)

Green (63%)

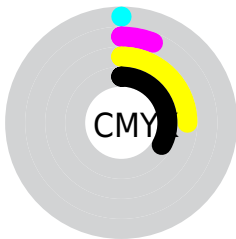
Blue (50%)



Red (56%)

Yellow (67%)

Blue (50%)

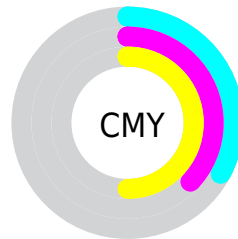


Cyan (0%)

Magenta (6%)

Yellow (25%)

Black (33%)



Cyan (33%)


Magenta (37%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3581, 0.3534, 0.3757 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 35.3581, 0.3534, 0.3757 by changing the saturation by 10% instead.


 35.3581, 0.3534,
0.3757


 35.3581, 0.3534,
0.3757


326.1462, 0.3322,
0.3513


 23.9389, 0.3589,
0.3821


 68.0402, 0.3455,
0.3666

 15.2883, 0.3661,
0.3905


 90.0717, 0.3426,
0.3632

 9.0219, 0.3759,
0.4020


 116.4096, 0.3402,
0.3604

 4.7555, 0.3897,
0.4185

147.4380, 0.3381,
0.3580

 2.1045, 0.4131,
0.4464

183.5415, 0.3363,
0.3560

 0.6672, 0.4753,
0.5247

225.1045, 0.3348,

 0.0000, 0.0000,

0.3542

0.0000

272.5112, 0.3334,
0.3527

■ 35.3581, 0.3534,
0.3757

■ 35.3581, 0.3534,
0.3757

■ 33.4591, 0.3715,
0.3948

■ 37.3893, 0.3363,
0.3567

■ 31.6833, 0.3901,
0.4132

■ 39.5521, 0.3204,
0.3382

■ 30.0275, 0.4087,
0.4300

■ 41.8518, 0.3058,
0.3206

■ 28.4866, 0.4266,
0.4443

■ 44.2921, 0.2925,
0.3040

■ 27.0550, 0.4429,
0.4550

■ 46.8765, 0.2806,
0.2887

■ 25.7262, 0.4568,
0.4613

■ 49.6082, 0.2699,
0.2746

■ 24.4924, 0.4678,
0.4630

■ 52.4906, 0.2603,
0.2616

■ 23.9181, 0.4727,
0.4629

■ 54.8797, 0.2569,
0.2594

■ 56.8643, 0.2575,
0.2646

Harmonies

Analogous

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



35.3581, 0.3670, 0.3610



35.3581, 0.3534, 0.3757



35.3581, 0.3291, 0.3778

Triad

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



35.3581, 0.3534, 0.3757



35.3581, 0.2627, 0.3151



35.3581, 0.3227, 0.2965

Complementary

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



35.3581, 0.3534, 0.3757



25.9889, 0.2721, 0.2775

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.



35.3581, 0.2947, 0.2848



35.3581, 0.3534, 0.3757



35.3581, 0.2611, 0.2942

Square

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



35.3581, 0.3534, 0.3757



35.3581, 0.2771, 0.3414



35.3581, 0.2725, 0.2837



35.3581, 0.3489, 0.3159

Rectangle

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



35.3581, 0.3534, 0.3757



35.3581, 0.3104, 0.3709



35.3581, 0.2725, 0.2837



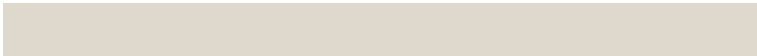
35.3581, 0.3131, 0.2915

Sweetspot

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



35.3597, 0.3534, 0.3757



69.6601, 0.3250, 0.3436



25.9736, 0.3508, 0.3120



15.4059, 0.3273, 0.3464



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.



35.3597, 0.3534, 0.3757



61.4753, 0.3631, 0.3860



38.2513, 0.3401, 0.3925



8.9787, 0.3269, 0.3458



18.1218, 0.4720, 0.4634



0.5852, 0.4530, 0.4785

Inverse Universe

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



25.9889, 0.2721, 0.2775



41.8796, 0.2624, 0.2645



23.7854, 0.2805, 0.2611



8.0773, 0.2986, 0.3116



3.6298, 0.1590, 0.0924



0.1889, 0.1757, 0.1524

Previews

White Background



This preview shows how the Yxy color 35.3581, 0.3534, 0.3757 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 35.3581, 0.3534, 0.3757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

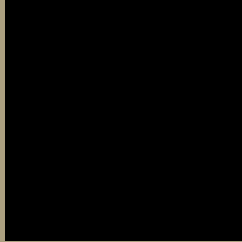
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3581, 0.3534, 0.3757

Background



This preview shows how black text looks on a background with the Yxy color 35.3581, 0.3534, 0.3757.



This preview shows how white text looks on a background with the Yxy color 35.3581, 0.3534, 0.3757.

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

35.3581, 0.3534, 0.3757

Protanopia

35.2462, 0.3524, 0.3759

Deuteranopia

35.2610, 0.3714, 0.3637



Tritanopia

35.4628, 0.3224, 0.3123

Trichromacy



Original Color

35.3581, 0.3534, 0.3757

Protanomaly

35.2462, 0.3524, 0.3759

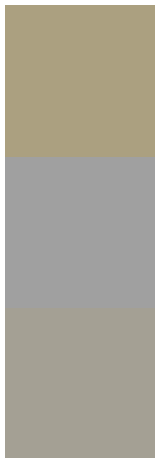
Deuteranomaly

35.1857, 0.3643, 0.3672

Tritanomaly

35.4125, 0.3333, 0.3347

Monochromacy



Original Color

35.3581, 0.3534, 0.3757

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.1722, 0.3275, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3581, 0.3534, 0.3757 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(171, 160, 128)` looks like.

```
.text, #text, p{  
    color:rgb(171, 160, 128)  
}
```

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(171, 160, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 160, 128) }
```

Border

The CSS property to change the border of an element to Yxy 35.3581, 0.3534, 0.3757 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(171, 160, 128) }
```

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

```
.border{ border-color:rgb(171, 160, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 160, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 160, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 160, 128);  
box-shadow:4px 4px 4px 4px rgb(171, 160,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3581, 0.3534, 0.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 160, 128) }
```

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

```
.background{ background-color: rgb(171,  
160, 128) }
```

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