

Converting Colors

$Y_{xy}(32.4340, 0.3537, 0.3542)$

Have a look what the booklet for
Yxy(32.4340, 0.3537, 0.3542)
contains.

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Color

Yxy(32.3904, 0.3538, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	AD9685
RGB	173, 150, 133
RGB Percent	68%, 59%, 52%
CMY	0.3216, 0.4117, 0.4784
CMYK	0.00, 0.13, 0.23, 0.32
HSL	26°, 20%, 60%
HSV	26°, 23%, 68%
XYZ	32.3721, 32.3904, 26.7358
YIQ	154.9390, 19.1650, -0.4110

Conversions

Conversions Part 2

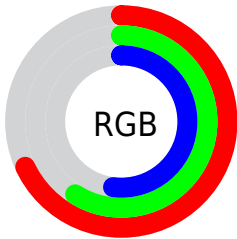
Format	Color
RYB	173, 163, 133
Decimal	11376261
CIELab	63.66, 5.80, 12.11
CIElCh	64, 13.429, 64.420
Yxy	32.3904, 0.3538, 0.3540
Android (android.graphics.Color)	4289566341 (0xFFAD9685)
YUV	154.9390, -10.8159, 15.8395
Hunter-Lab	56.9126, 1.9345, 11.9861

Details

The Yxy color **32.3904, 0.3538, 0.3540** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7751, 0.2771, 0.3026**, and the grayscale version is **32.7927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3889, 0.3458, 0.3492**, and **13.5413, 0.3683, 0.3622** is the 20% darker color. If you saturate the color by 10%, you get **28.9125, 0.3761, 0.3655**, and if you desaturate by 10%, it is **36.2192, 0.3343, 0.3428**.

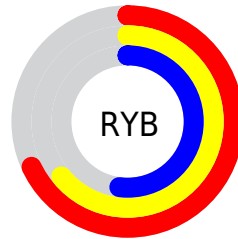
Distribution



Red (68%)

Green (59%)

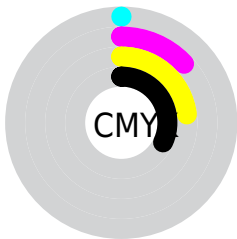
Blue (52%)



Red (68%)

Yellow (64%)

Blue (52%)

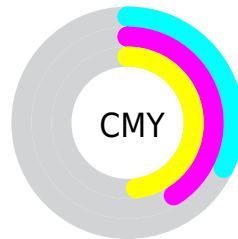


Cyan (0%)

Magenta (13%)

Yellow (23%)

Black (32%)



Cyan (32%)


Magenta (41%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3904, 0.3538, 0.3540 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 32.3904, 0.3538, 0.3540 by changing the saturation by 10% instead.


 32.3904, 0.3538,
0.3540


 32.3904, 0.3538,
0.3540


312.8938, 0.3319,
0.3410


 21.6599, 0.3597,
0.3574


 63.4226, 0.3455,
0.3492

 13.6072, 0.3677,
0.3618


 84.4931, 0.3425,
0.3474

 7.8480, 0.3788,
0.3678


 109.7790, 0.3400,
0.3459

 3.9978, 0.3953,
0.3763

139.6647, 0.3379,
0.3446

 1.6723, 0.4234,
0.3900

174.5347, 0.3361,
0.3435

 0.4057, 0.5651,
0.4349

214.7732, 0.3345,

 0.0000, 0.0000,

0.3426

0.0000

260.7648, 0.3331,
0.3418

■ 32.3904, 0.3538,
0.3540

■ 32.3904, 0.3538,
0.3540

■ 28.9125, 0.3761,
0.3655

■ 36.2192, 0.3343,
0.3428

■ 25.7707, 0.4013,
0.3767

■ 40.4046, 0.3175,
0.3322

■ 22.9554, 0.4293,
0.3871

■ 44.9575, 0.3029,
0.3222

■ 20.4546, 0.4592,
0.3954

■ 49.8872, 0.2904,
0.3131

■ 18.2558, 0.4899,
0.4007

■ 55.2025, 0.2796,
0.3046

■ 16.3452, 0.5194,
0.4016

■ 60.9120, 0.2703,
0.2969

■ 14.7074, 0.5455,
0.3973

■ 67.0238, 0.2622,
0.2898

■ 13.7234, 0.5617,
0.3922

■ 72.4446, 0.2631,
0.3004

■ 78.1227, 0.2645,
0.3117

Harmonies

Analogous

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



32.3904, 0.3528, 0.3374



32.3904, 0.3538, 0.3540



32.3904, 0.3435, 0.3647

Triad

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



32.3904, 0.3538, 0.3540



32.3904, 0.2853, 0.3382



32.3904, 0.2995, 0.2951

Complementary

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



32.3904, 0.3538, 0.3540



31.7751, 0.2771, 0.3026

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.



32.3904, 0.2822, 0.2943



32.3904, 0.3538, 0.3540



32.3904, 0.2743, 0.3184

Square

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



32.3904, 0.3538, 0.3540



32.3904, 0.3037, 0.3559



32.3904, 0.2732, 0.3025



32.3904, 0.3208, 0.3042

Rectangle

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



32.3904, 0.3538, 0.3540



32.3904, 0.3318, 0.3665



32.3904, 0.2732, 0.3025



32.3904, 0.2930, 0.2938

Sweetspot

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



32.3919, 0.3538, 0.3540



69.2901, 0.3239, 0.3364



28.0699, 0.3329, 0.2953



14.9656, 0.3249, 0.3370



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.



32.3919, 0.3538, 0.3540



54.5945, 0.3654, 0.3602



39.1985, 0.3479, 0.3811



8.5543, 0.3276, 0.3387



10.1916, 0.5598, 0.3937



0.3934, 0.5071, 0.4355

Inverse Universe

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



31.7751, 0.2771, 0.3026



53.2815, 0.2687, 0.2956



25.7057, 0.2747, 0.2709



8.4927, 0.2986, 0.3191



8.9471, 0.1850, 0.1858



0.3544, 0.1983, 0.2338

Previews

White Background



This preview shows how the Yxy color 32.3904, 0.3538, 0.3540 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 32.3904, 0.3538, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

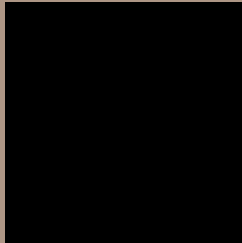
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3904, 0.3538, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 32.3904, 0.3538, 0.3540.



This preview shows how white text looks on a background with the Yxy color 32.3904, 0.3538, 0.3540.

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

32.3904, 0.3538, 0.3540

Protanopia

32.5419, 0.3390, 0.3578

Deuteranopia

32.5355, 0.3585, 0.3522



Tritanopia

32.2565, 0.3323, 0.3120

Trichromacy



Original Color

32.3904, 0.3538, 0.3540

Protanomaly

32.6107, 0.3444, 0.3575

Deuteranomaly

32.4185, 0.3574, 0.3523

Tritanomaly

32.1513, 0.3403, 0.3262

Monochromacy



Original Color

32.3904, 0.3538, 0.3540

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.5704, 0.3275, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3904, 0.3538, 0.3540 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, 150, 133)` looks like.

```
.text, #text, p{  
    color:rgb(173, 150, 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, 150, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 150, 133) }
```

Border

The CSS property to change the border of an element to Yxy 32.3904, 0.3538, 0.3540 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, 150, 133) }
```

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

```
.border{ border-color:rgb(173, 150, 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, 150, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 150, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 150, 133);  
box-shadow:4px 4px 4px 4px rgb(173, 150,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3904, 0.3538, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 150, 133) }
```

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

```
.background{ background-color: rgb(173,  
150, 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](#).

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