

Converting Colors

$Yxy(41.9570, 0.3344, 0.3536)$

Have a look what the booklet for
Yxy(41.9570, 0.3344, 0.3536)
contains.

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Color

Yxy(41.9570, 0.3344, 0.3536)

Conversions

Conversions Part 1

Format	Color
Hex	B4AD9B
RGB	180, 173, 155
RGB Percent	71%, 68%, 61%
CMY	0.2942, 0.3215, 0.3921
CMYK	0.00, 0.04, 0.14, 0.29
HSL	43°, 14%, 66%
HSV	43°, 14%, 71%
XYZ	39.6788, 41.9570, 37.0209
YIQ	173.0410, 9.9500, -4.1140

Conversions

Conversions Part 2

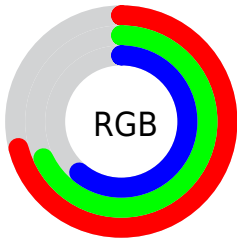
Format	Color
R _Y B	165, 180, 155
Decimal	11840923
CIE Lab	70.84, -0.63, 10.13
CIE LCh	71, 10.154, 93.540
Yxy	41.9570, 0.3344, 0.3536
Android (android.graphics.Color)	4290031003 (0xFFB4AD9B)
YUV	173.0410, -8.8942, 6.1030
Hunter-Lab	64.7742, -4.0110, 11.4555

Details

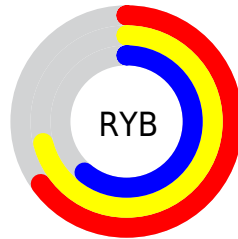
The Yxy color **41.9570, 0.3344, 0.3536** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.0956, 0.2912, 0.3031**, and the grayscale version is **41.8533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9231, 0.3308, 0.3491**, and **19.1862, 0.3405, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **39.5086, 0.3516, 0.3721**, and if you desaturate by 10%, it is **44.5716, 0.3185, 0.3357**.

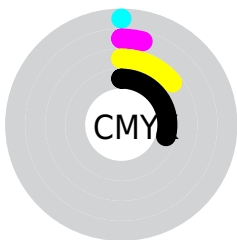
Distribution



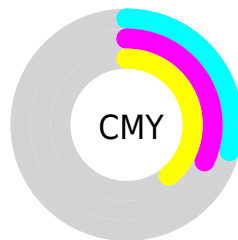
- Red (71%)
- Green (68%)
- Blue (61%)



- Red (65%)
- Yellow (71%)
- Blue (61%)



- Cyan (0%)
- Magenta (4%)
- Yellow (14%)
- Black (29%)





- Cyan (29%)
- Magenta (32%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9570, 0.3344, 0.3536 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 41.9570, 0.3344, 0.3536 by changing the saturation by 10% instead.


 41.9570, 0.3344,
0.3536


 41.9570, 0.3344,
0.3536


354.3047, 0.3234,
0.3411

 29.0676, 0.3372,
0.3568


 78.1345, 0.3304,
0.3490

 19.1320, 0.3408,
0.3610


 102.1915, 0.3288,
0.3473

 11.7657, 0.3458,
0.3666


130.7398, 0.3276,
0.3458

 6.5843, 0.3527,
0.3746

164.1637, 0.3265,
0.3446

 3.2035, 0.3633,
0.3868

202.8478, 0.3256,
0.3435

 1.2389, 0.3867,
0.4136

247.1764, 0.3247,

 0.0931, 0.4401,

0.3426

0.5599

297.5339, 0.3240,
0.3418

0.0000, 0.0000,
0.0000

41.9570, 0.3344,
0.3536

41.9570, 0.3344,
0.3536

39.5086, 0.3516,
0.3721

44.5716, 0.3185,
0.3357

37.2161, 0.3700,
0.3908

47.3514, 0.3040,
0.3187

35.0763, 0.3892,
0.4089

50.3025, 0.2909,
0.3028

33.0838, 0.4085,
0.4256

53.4290, 0.2792,
0.2881

31.2326, 0.4273,
0.4398

56.7347, 0.2686,
0.2745

■ 29.5161, 0.4448,
0.4506

■ 59.6978, 0.2636,
0.2701

■ 27.9270, 0.4600,
0.4570

■ 62.1101, 0.2642,
0.2760

■ 26.4565, 0.4723,
0.4586

■ 64.6000, 0.2649,
0.2819

■ 25.6034, 0.4788,
0.4580

■ 67.1681, 0.2655,
0.2877

Harmonies

Analogous

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



41.9570, 0.3412, 0.3463



41.9570, 0.3344, 0.3536



41.9570, 0.3218, 0.3543

Triad

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



41.9570, 0.3344, 0.3536



41.9570, 0.2860, 0.3222



41.9570, 0.3180, 0.3113

Complementary

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



41.9570, 0.3344, 0.3536



36.0956, 0.2912, 0.3031

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.



41.9570, 0.3032, 0.3051



41.9570, 0.3344, 0.3536



41.9570, 0.2850, 0.3110

Square

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



41.9570, 0.3344, 0.3536



41.9570, 0.2939, 0.3358



41.9570, 0.2912, 0.3048



41.9570, 0.3317, 0.3221

Rectangle

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



41.9570, 0.3344, 0.3536



41.9570, 0.3119, 0.3506



41.9570, 0.2912, 0.3048



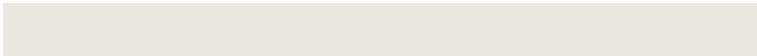
41.9570, 0.3130, 0.3087

Sweetspot

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



41.9589, 0.3344, 0.3536



80.7453, 0.3188, 0.3360



35.7578, 0.3310, 0.3193



17.3734, 0.3199, 0.3374



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.



41.9589, 0.3344, 0.3536



74.5502, 0.3401, 0.3599



44.0641, 0.3282, 0.3633



9.4978, 0.3270, 0.3453



17.9922, 0.4779, 0.4587



0.6583, 0.4582, 0.4744

Inverse Universe

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



36.0956, 0.2912, 0.3031



61.6075, 0.2855, 0.2961



34.2568, 0.2958, 0.2934



8.6034, 0.2985, 0.3121



4.0049, 0.1604, 0.0973



0.2268, 0.1764, 0.1550

Previews

White Background



This preview shows how the Yxy color 41.9570, 0.3344, 0.3536 looks on a white background.

Color Contrast Check

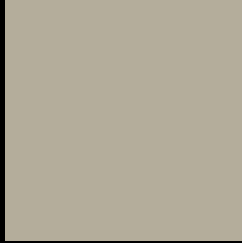
Large Text (above 18pt) WCAG AA × Fail

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 41.9570, 0.3344, 0.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

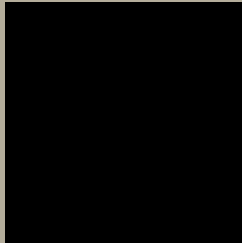
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

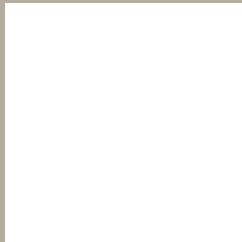
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.9570, 0.3344, 0.3536

Background



This preview shows how black text looks on a background with the Yxy color 41.9570, 0.3344, 0.3536.



This preview shows how white text looks on a background with the Yxy color 41.9570, 0.3344, 0.3536.

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

41.9570, 0.3344, 0.3536

Protanopia

42.0775, 0.3354, 0.3535

Deuteranopia

41.7735, 0.3501, 0.3434



Tritanopia

41.9437, 0.3153, 0.3119

Trichromacy



Original Color

41.9570, 0.3344, 0.3536

Protanomaly

42.0775, 0.3354, 0.3535

Deuteranomaly

41.7234, 0.3439, 0.3463

Tritanomaly

41.7953, 0.3229, 0.3264

Monochromacy



Original Color

41.9570, 0.3344, 0.3536

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.8704, 0.3213, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9570, 0.3344, 0.3536 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(180, 173, 155)` looks like.

```
.text, #text, p{  
    color:rgb(180, 173, 155)  
}
```

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(180, 173, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 173, 155) }
```

Border

The CSS property to change the border of an element to Yxy 41.9570, 0.3344, 0.3536 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(180, 173, 155) }
```

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

```
.border{ border-color:rgb(180, 173, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 173, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 173, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 173, 155);  
box-shadow:4px 4px 4px 4px rgb(180, 173,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9570, 0.3344, 0.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 173, 155) }
```

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

```
.background{ background-color: rgb(180,  
173, 155) }
```

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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