

Converting Colors

$Y_{xy}(42.5525, 0.3250, 0.3524)$

Have a look what the booklet for
Yxy(42.5525, 0.3250, 0.3524)
contains.

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Color

Yxy(42.5525, 0.3250, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	AEB09F
RGB	174, 176, 159
RGB Percent	68%, 69%, 62%
CMY	0.3176, 0.3098, 0.3764
CMYK	0.01, 0.00, 0.10, 0.31
HSL	67°, 10%, 66%
HSV	67°, 10%, 69%
XYZ	39.2439, 42.5525, 38.9541
YIQ	173.4640, 4.2650, -5.7110

Conversions

Conversions Part 2

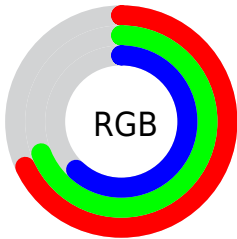
Format	Color
RYB	159, 176, 161
Decimal	11448479
CIELab	71.25, -3.76, 8.45
CIELCh	71, 9.250, 113.984
Yxy	42.5525, 0.3250, 0.3524
Android (android.graphics.Color)	4289638559 (0xFFAEB09F)
YUV	173.4640, -7.1308, 0.4701
Hunter-Lab	65.2323, -6.7703, 10.2570

Details

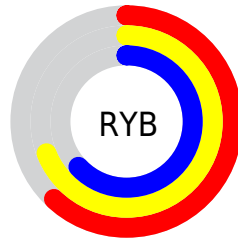
The Yxy color **42.5525, 0.3250, 0.3524** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.5135, 0.2998, 0.3048**, and the grayscale version is **42.0770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.3913, 0.3228, 0.3481**, and **19.6356, 0.3285, 0.3596** is the 20% darker color. If you saturate the color by 10%, you get **41.7530, 0.3380, 0.3776**, and if you desaturate by 10%, it is **43.4463, 0.3123, 0.3282**.

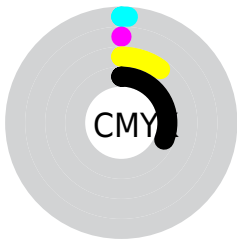
Distribution



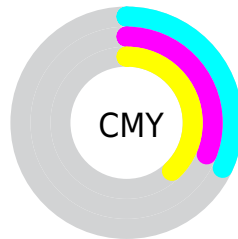
- Red (68%)
- Green (69%)
- Blue (62%)



- Red (62%)
- Yellow (69%)
- Blue (63%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (31%)





- Cyan (32%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5525, 0.3250, 0.3524 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 42.5525, 0.3250, 0.3524 by changing the saturation by 10% instead.

 42.5525, 0.3250,
0.3524

 42.5525, 0.3250,
0.3524


356.7682, 0.3188,
0.3404

 29.5342, 0.3266,
0.3555


 79.0351, 0.3227,
0.3480

 19.4853, 0.3286,
0.3595


 103.2682, 0.3219,
0.3463

 12.0214, 0.3313,
0.3649

132.0083, 0.3212,
0.3450

 6.7583, 0.3350,
0.3728

165.6399, 0.3206,
0.3438

 3.3114, 0.3407,
0.3849

204.5472, 0.3200,
0.3428

 1.2964, 0.3515,
0.4078

249.1148, 0.3196,

 0.1384, 0.2232,

0.3419

0.7768

299.7270, 0.3192,
0.3411

0.0000, 0.0000,
0.0000

42.5525, 0.3250,
0.3524

42.5525, 0.3250,
0.3524

41.7530, 0.3380,
0.3776

43.4463, 0.3123,
0.3282

41.0386, 0.3508,
0.4031

44.4323, 0.3001,
0.3053

40.4071, 0.3631,
0.4282

45.5155, 0.2885,
0.2840

39.8544, 0.3743,
0.4520

46.6992, 0.2778,
0.2644

39.3757, 0.3838,
0.4733

47.9863, 0.2679,
0.2465

■ 38.9660, 0.3913,
0.4914

■ 48.7446, 0.2644,
0.2392

■ 38.6194, 0.3963,
0.5054

■ 49.0030, 0.2659,
0.2395

■ 38.3290, 0.3987,
0.5151

■ 49.2651, 0.2673,
0.2399

■ 38.0809, 0.3991,
0.5211

■ 49.5309, 0.2688,
0.2402

Harmonies

Analogous

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



42.5525, 0.3350, 0.3498



42.5525, 0.3250, 0.3524



42.5525, 0.3118, 0.3485

Triad

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



42.5525, 0.3250, 0.3524



42.5525, 0.2871, 0.3155



42.5525, 0.3263, 0.3193

Complementary

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



42.5525, 0.3250, 0.3524



35.5135, 0.2998, 0.3048

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.



42.5525, 0.3132, 0.3106



42.5525, 0.3250, 0.3524



42.5525, 0.2907, 0.3082

Square

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



42.5525, 0.3250, 0.3524



42.5525, 0.2901, 0.3268



42.5525, 0.3002, 0.3066



42.5525, 0.3358, 0.3306

Rectangle

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



42.5525, 0.3250, 0.3524



42.5525, 0.3031, 0.3426



42.5525, 0.3002, 0.3066



42.5525, 0.3221, 0.3160

Sweetspot

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



42.5544, 0.3250, 0.3524



78.2314, 0.3166, 0.3363



37.1244, 0.3290, 0.3314



16.9258, 0.3176, 0.3382



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



42.5544, 0.3250, 0.3524



76.7955, 0.3283, 0.3588



41.6394, 0.3176, 0.3529



9.8556, 0.3246, 0.3516



27.9522, 0.3993, 0.5211



0.8936, 0.4053, 0.5164

Inverse Universe

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



35.5135, 0.2998, 0.3048



60.9092, 0.2960, 0.2978



36.3951, 0.3074, 0.3053



8.2759, 0.3002, 0.3056



2.4263, 0.1549, 0.0627



0.0915, 0.1725, 0.0724

Previews

White Background



This preview shows how the Yxy color 42.5525, 0.3250, 0.3524 looks on a white background.

Color Contrast Check

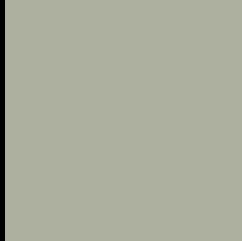
Large Text (above 18pt) WCAG AA × Fail

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 42.5525, 0.3250, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

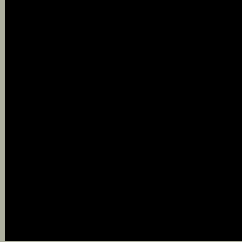
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

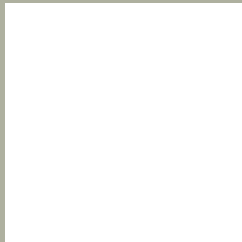
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.5525, 0.3250, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 42.5525, 0.3250, 0.3524.



This preview shows how white text looks on a background with the Yxy color 42.5525, 0.3250, 0.3524.

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

42.5525, 0.3250, 0.3524

Protanopia

42.5645, 0.3326, 0.3507

Deuteranopia

42.3142, 0.3453, 0.3382



Tritanopia

42.5152, 0.3065, 0.3105

Trichromacy



Original Color

42.5525, 0.3250, 0.3524

Protanomaly

42.5935, 0.3296, 0.3522

Deuteranomaly

42.3553, 0.3379, 0.3437

Tritanomaly

42.3688, 0.3138, 0.3250

Monochromacy



Original Color

42.5525, 0.3250, 0.3524

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.9835, 0.3168, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5525, 0.3250, 0.3524 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(174, 176, 159)` looks like.

```
.text, #text, p{  
    color:rgb(174, 176, 159)  
}
```

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(174, 176, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 176, 159) }
```

Border

The CSS property to change the border of an element to Yxy 42.5525, 0.3250, 0.3524 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(174, 176, 159) }
```

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

```
.border{ border-color:rgb(174, 176, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 176, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 176, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 176, 159);  
box-shadow:4px 4px 4px 4px rgb(174, 176,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5525, 0.3250, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 176, 159) }
```

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

```
.background{ background-color: rgb(174,  
176, 159) }
```

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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