

Converting Colors

$Yxy(41.0874, 0.3188, 0.3382)$

Have a look what the booklet for
Yxy(41.0874, 0.3188, 0.3382)
contains.

Yxy(41.1059, 0.3195, 0.3387)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.1059, 0.3195, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	ADACA5
RGB	173, 172, 165
RGB Percent	68%, 67%, 65%
CMY	0.3216, 0.3255, 0.3530
CMYK	0.00, 0.01, 0.05, 0.32
HSL	53°, 5%, 66%
HSV	53°, 5%, 68%
XYZ	38.7757, 41.1059, 41.4821
YIQ	171.5010, 2.8430, -1.9650

Conversions

Conversions Part 2

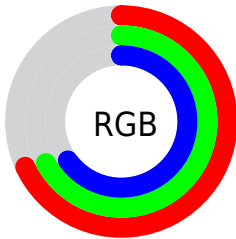
Format	Color
RYB	166, 173, 165
Decimal	11381925
CIELab	70.25, -0.94, 3.72
CIELCh	70, 3.835, 104.118
Yxy	41.1059, 0.3195, 0.3387
Android (android.graphics.Color)	4289572005 (0xFFADACA5)
YUV	171.5010, -3.2050, 1.3146
Hunter-Lab	64.1139, -4.2435, 6.5187

Details

The Yxy color **41.1059, 0.3195, 0.3387** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.2790, 0.3059, 0.3191**, and the grayscale version is **41.0054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5995, 0.3179, 0.3365**, and **18.6901, 0.3222, 0.3425** is the 20% darker color. If you saturate the color by 10%, you get **39.7141, 0.3348, 0.3603**, and if you desaturate by 10%, it is **42.5995, 0.3051, 0.3180**.

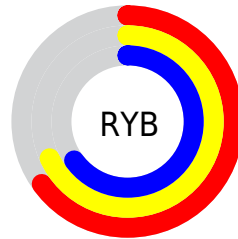
Distribution



Red (68%)

Green (67%)

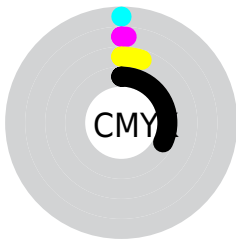
Blue (65%)



Red (65%)

Yellow (68%)

Blue (65%)

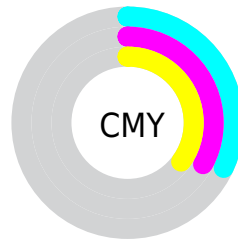


Cyan (0%)

Magenta (1%)

Yellow (5%)

Black (32%)



Cyan (32%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1059, 0.3195, 0.3387 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 41.1059, 0.3195, 0.3387 by changing the saturation by 10% instead.


 41.1059, 0.3195,
0.3387

 41.1059, 0.3195,
0.3387


350.7630, 0.3160,
0.3337

 28.4018, 0.3204,
0.3400


 76.8446, 0.3182,
0.3369

 18.6288, 0.3215,
0.3416


 100.6481, 0.3178,
0.3362

 11.4024, 0.3231,
0.3439


128.9201, 0.3174,
0.3356

 6.3382, 0.3253,
0.3471

162.0452, 0.3170,
0.3351

 3.0518, 0.3288,
0.3522

200.4076, 0.3167,
0.3347

 1.1588, 0.3348,
0.3612

244.3918, 0.3165,

 0.0277, 0.1115,

0.3344

0.8885

294.3821, 0.3162,
0.3340

0.0000, 0.0000,
0.0000

41.1059, 0.3195,
0.3387

41.1059, 0.3195,
0.3387

39.7141, 0.3348,
0.3603

42.5995, 0.3051,
0.3180

38.4153, 0.3508,
0.3823

44.1929, 0.2918,
0.2985

37.2077, 0.3670,
0.4042

45.8908, 0.2795,
0.2804

36.0871, 0.3831,
0.4252

47.6964, 0.2684,
0.2637

35.0495, 0.3984,
0.4443

49.6123, 0.2583,
0.2484

■ 34.0900, 0.4122,
0.4606

■ 50.7213, 0.2566,
0.2475

■ 33.2033, 0.4240,
0.4732

■ 51.6195, 0.2569,
0.2501

■ 32.3835, 0.4333,
0.4816

■ 52.5311, 0.2572,
0.2526

■ 31.6230, 0.4398,
0.4856

■ 53.4563, 0.2576,
0.2552

Harmonies

Analogous

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



41.1059, 0.3229, 0.3369



41.1059, 0.3195, 0.3387



41.1059, 0.3143, 0.3379

Triad

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



41.1059, 0.3195, 0.3387



41.1059, 0.3020, 0.3249



41.1059, 0.3167, 0.3235

Complementary

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



41.1059, 0.3195, 0.3387



38.2790, 0.3059, 0.3191

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.



41.1059, 0.3111, 0.3204



41.1059, 0.3195, 0.3387



41.1059, 0.3026, 0.3211

Square

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



41.1059, 0.3195, 0.3387



41.1059, 0.3042, 0.3298



41.1059, 0.3059, 0.3195



41.1059, 0.3213, 0.3281

Rectangle

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



41.1059, 0.3195, 0.3387



41.1059, 0.3105, 0.3359



41.1059, 0.3059, 0.3195



41.1059, 0.3149, 0.3222

Sweetspot

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



41.1077, 0.3195, 0.3387



74.5712, 0.3142, 0.3311



38.5453, 0.3193, 0.3275



16.2092, 0.3141, 0.3310



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.



41.1077, 0.3195, 0.3387



73.2475, 0.3217, 0.3418



41.1539, 0.3167, 0.3401



9.2482, 0.3223, 0.3427



23.0010, 0.4424, 0.4869



0.6861, 0.4345, 0.4932

Inverse Universe

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



38.2790, 0.3059, 0.3191



66.6287, 0.3036, 0.3158



38.2399, 0.3086, 0.3178



8.3577, 0.3030, 0.3149



2.6673, 0.1530, 0.0708



0.1231, 0.1636, 0.1089

Previews

White Background



This preview shows how the Yxy color 41.1059, 0.3195, 0.3387 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 41.1059, 0.3195, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

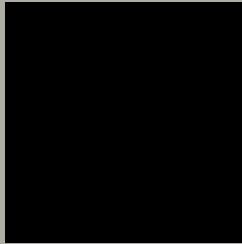
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

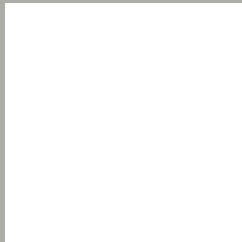
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1059, 0.3195, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 41.1059, 0.3195, 0.3387.



This preview shows how white text looks on a background with the Yxy color 41.1059, 0.3195, 0.3387.

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

41.1059, 0.3195, 0.3387

Protanopia

41.0363, 0.3232, 0.3386

Deuteranopia

40.9728, 0.3353, 0.3291



Tritanopia

41.0249, 0.3073, 0.3102

Trichromacy



Original Color

41.1059, 0.3195, 0.3387

Protanomaly

40.9201, 0.3223, 0.3387

Deuteranomaly

40.9488, 0.3293, 0.3317

Tritanomaly

40.9980, 0.3122, 0.3209

Monochromacy



Original Color

41.1059, 0.3195, 0.3387

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.1403, 0.3152, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1059, 0.3195, 0.3387 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, 172, 165)` looks like.

```
.text, #text, p{  
    color:rgb(173, 172, 165)  
}
```

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, 172, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 172, 165) }
```

Border

The CSS property to change the border of an element to Yxy 41.1059, 0.3195, 0.3387 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, 172, 165) }
```

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

```
.border{ border-color:rgb(173, 172, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 172, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 172, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 172, 165);  
box-shadow:4px 4px 4px 4px rgb(173, 172,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1059, 0.3195, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 172, 165) }
```

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

```
.background{ background-color: rgb(173,  
172, 165) }
```

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