

Converting Colors

Yxy(41.3394, 0.3195, 0.3676)

Have a look what the booklet for
Yxy(41.3394, 0.3195, 0.3676)
contains.

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Color

Yxy(41.1522, 0.3189, 0.3665)

Conversions

Conversions Part 1

Format	Color
Hex	A0B197
RGB	160, 177, 151
RGB Percent	63%, 69%, 59%
CMY	0.3724, 0.3059, 0.4079
CMYK	0.10, 0.00, 0.15, 0.31
HSL	99°, 14%, 64%
HSV	99°, 15%, 69%
XYZ	35.8075, 41.1522, 35.3246
YIQ	168.9530, -1.7860, -11.6900

Conversions

Conversions Part 2

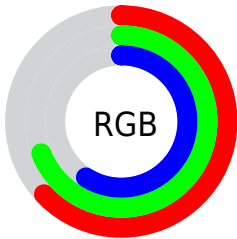
Format	Color
RYB	151, 177, 168
Decimal	10531223
CIELab	70.28, -10.79, 11.34
CIELCh	70, 15.650, 133.584
Yxy	41.1522, 0.3189, 0.3665
Android (android.graphics.Color)	4288721303 (0xFFA0B197)
YUV	168.9530, -8.8508, -7.8518
Hunter-Lab	64.1500, -12.6267, 12.2565

Details

The Yxy color **41.1522, 0.3189, 0.3665** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.6206, 0.3056, 0.2924**, and the grayscale version is **39.6990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1327, 0.3181, 0.3598**, and **18.5235, 0.3201, 0.3779** is the 20% darker color. If you saturate the color by 10%, you get **39.4859, 0.3228, 0.3950**, and if you desaturate by 10%, it is **43.0189, 0.3147, 0.3404**.

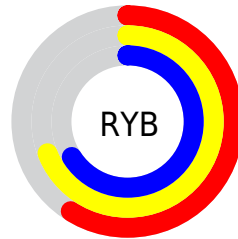
Distribution



Red (63%)

Green (69%)

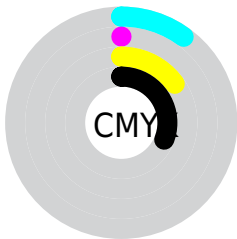
Blue (59%)



Red (59%)

Yellow (69%)

Blue (66%)

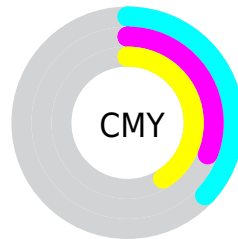


Cyan (10%)

Magenta (0%)

Yellow (15%)

Black (31%)



Cyan (37%)


Magenta (31%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1522, 0.3189, 0.3665 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 41.1522, 0.3189, 0.3665 by changing the saturation by 10% instead.


 41.1522, 0.3189,
0.3665

 41.1522, 0.3189,
0.3665


350.9563, 0.3159,
0.3470

 28.4380, 0.3196,
0.3716


 76.9149, 0.3179,
0.3592

 18.6561, 0.3204,
0.3784


 100.7322, 0.3175,
0.3565

 11.4221, 0.3215,
0.3877


129.0193, 0.3171,
0.3543

 6.3515, 0.3228,
0.4013

162.1607, 0.3168,
0.3524

 3.0600, 0.3244,
0.4229

200.5407, 0.3166,
0.3508

 1.1631, 0.3371,
0.4789

244.5437, 0.3163,

 0.0313, 0.0000,

0.3493

1.0000

294.5541, 0.3161,
0.3481

0.0000, 0.0000,
0.0000

41.1522, 0.3189,
0.3665

41.1522, 0.3189,
0.3665

39.4859, 0.3228,
0.3950

43.0189, 0.3147,
0.3404

38.0079, 0.3263,
0.4253

45.0872, 0.3105,
0.3168

36.7128, 0.3289,
0.4568

47.3650, 0.3063,
0.2958

35.5926, 0.3305,
0.4882

49.8582, 0.3022,
0.2771

34.6391, 0.3306,
0.5177

52.5724, 0.2984,
0.2605

■ 33.8432, 0.3291,
0.5438

■ 55.3720, 0.2963,
0.2479

■ 33.1945, 0.3259,
0.5646

■ 57.3384, 0.3052,
0.2500

■ 32.6812, 0.3213,
0.5791

■ 59.4336, 0.3143,
0.2522

■ 32.4533, 0.3188,
0.5851

■ 59.9241, 0.3163,
0.2527

Harmonies

Analogous

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



41.1522, 0.3404, 0.3690



41.1522, 0.3189, 0.3665



41.1522, 0.2963, 0.3528

Triad

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



41.1522, 0.3189, 0.3665



41.1522, 0.2721, 0.2968



41.1522, 0.3478, 0.3245

Complementary

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



41.1522, 0.3189, 0.3665



33.6206, 0.3056, 0.2924

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.



41.1522, 0.3284, 0.3068



41.1522, 0.3189, 0.3665



41.1522, 0.2848, 0.2909

Square

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



41.1522, 0.3189, 0.3665



41.1522, 0.2699, 0.3116



41.1522, 0.3052, 0.2947



41.1522, 0.3576, 0.3438

Rectangle

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



41.1522, 0.3189, 0.3665



41.1522, 0.2837, 0.3394



41.1522, 0.3052, 0.2947



41.1522, 0.3422, 0.3182

Sweetspot

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



41.1540, 0.3189, 0.3665



77.2694, 0.3144, 0.3388



39.5463, 0.3361, 0.3526



16.6889, 0.3148, 0.3407



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.



41.1540, 0.3189, 0.3665



72.5885, 0.3204, 0.3765



40.3840, 0.3078, 0.3615



9.6290, 0.3167, 0.3522



23.5446, 0.3195, 0.5845



0.7740, 0.3431, 0.5658

Inverse Universe

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



33.6206, 0.3056, 0.2924



56.2008, 0.3035, 0.2829



34.4945, 0.3180, 0.2985



8.4959, 0.3084, 0.3062



4.9983, 0.2362, 0.1075



0.1882, 0.2605, 0.1209

Previews

White Background



This preview shows how the Yxy color 41.1522, 0.3189, 0.3665 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 41.1522, 0.3189, 0.3665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

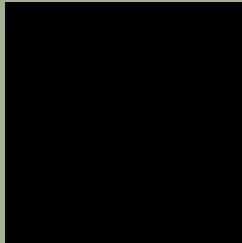
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1522, 0.3189, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 41.1522, 0.3189, 0.3665.



This preview shows how white text looks on a background with the Yxy color 41.1522, 0.3189, 0.3665.

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

41.1522, 0.3189, 0.3665

Protanopia

40.9672, 0.3410, 0.3607

Deuteranopia

40.8123, 0.3525, 0.3449



Tritanopia

41.0496, 0.2953, 0.3098

Trichromacy



Original Color

41.1522, 0.3189, 0.3665

Protanomaly

40.9413, 0.3331, 0.3626

Deuteranomaly

40.5880, 0.3398, 0.3523

Tritanomaly

41.0758, 0.3039, 0.3304

Monochromacy



Original Color

41.1522, 0.3189, 0.3665

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.2207, 0.3157, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1522, 0.3189, 0.3665 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(160, 177, 151)` looks like.

```
.text, #text, p{  
    color:rgb(160, 177, 151)  
}
```

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(160, 177, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 177, 151) }
```

Border

The CSS property to change the border of an element to Yxy 41.1522, 0.3189, 0.3665 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(160, 177, 151) }
```

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

```
.border{ border-color:rgb(160, 177, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 177, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 177, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 177, 151);  
box-shadow:4px 4px 4px 4px rgb(160, 177,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1522, 0.3189, 0.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 177, 151) }
```

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

```
.background{ background-color: rgb(160,  
177, 151) }
```

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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