

Converting Colors

$Y_{xy}(41.2255, 0.3130, 0.3220)$

Have a look what the booklet for
Yxy(41.2255, 0.3130, 0.3220)
contains.

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Color

Yxy(41.1141, 0.3131, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	B0AAB0
RGB	176, 170, 176
RGB Percent	69%, 67%, 69%
CMY	0.3098, 0.3333, 0.3098
CMYK	0.00, 0.03, 0.00, 0.31
HSL	300°, 4%, 68%
HSV	300°, 3%, 69%
XYZ	40.1148, 41.1141, 46.8924
YIQ	172.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

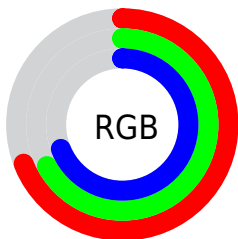
Format	Color
RYB	176, 170, 176
Decimal	11578032
CIELab	70.26, 3.26, -2.32
CIELCh	70, 4.000, 324.587
Yxy	41.1141, 0.3131, 0.3209
Android (android.graphics.Color)	4289768112 (0xFFB0AAB0)
YUV	172.4780, 1.7363, 3.0888
Hunter-Lab	64.1203, -0.5378, 1.5243

Details

The Yxy color **41.1141, 0.3131, 0.3209** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.4995, 0.3123, 0.3372**, and the grayscale version is **41.5008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8324, 0.3131, 0.3217**, and **18.6972, 0.3132, 0.3178** is the 20% darker color. If you saturate the color by 10%, you get **34.9522, 0.3143, 0.2966**, and if you desaturate by 10%, it is **48.1629, 0.3120, 0.3443**.

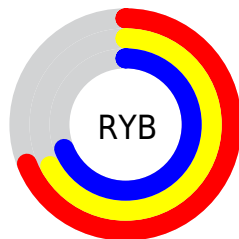
Distribution



Red (69%)

Green (67%)

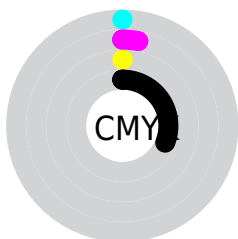
Blue (69%)



Red (69%)

Yellow (67%)

Blue (69%)

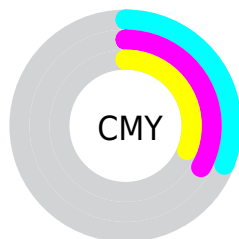


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (31%)



Cyan (31%)


Magenta (33%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1141, 0.3131, 0.3209 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 41.1141, 0.3131, 0.3209 by changing the saturation by 10% instead.


 41.1141, 0.3131,
0.3209

 41.1141, 0.3131,
0.3209


350.7973, 0.3129,
0.3250

 28.4083, 0.3131,
0.3198

 76.8571, 0.3130,
0.3224

 18.6336, 0.3132,
0.3185


100.6630, 0.3130,
0.3230

 11.4059, 0.3133,
0.3166


128.9377, 0.3130,
0.3235

 6.3405, 0.3134,
0.3140

162.0656, 0.3130,
0.3239

 3.0532, 0.3135,
0.3100

200.4312, 0.3130,
0.3242

 1.1596, 0.3137,
0.3030

244.4187, 0.3129,

 0.0283, 0.3250,

0.3245

0.0864

294.4126, 0.3129,
0.3248

0.0000, 0.0000,
0.0000

41.1141, 0.3131,
0.3209

41.1141, 0.3131,
0.3209

34.9522, 0.3143,
0.2966

48.1629, 0.3120,
0.3443

29.6371, 0.3154,
0.2720

56.1263, 0.3109,
0.3665

25.1334, 0.3166,
0.2477

65.0372, 0.3100,
0.3871

21.4013, 0.3177,
0.2247

74.9253, 0.3091,
0.4061

18.3973, 0.3187,
0.2039

83.8869, 0.3084,
0.4206

■ 16.0741, 0.3195,
0.1862

■ 83.8874, 0.3084,
0.4206

■ 14.3784, 0.3202,
0.1722

■ 83.8879, 0.3084,
0.4206

■ 13.2492, 0.3207,
0.1623

■ 83.8884, 0.3084,
0.4205

■ 12.6133, 0.3210,
0.1566

■ 83.8889, 0.3084,
0.4205

Harmonies

Analogous

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



41.1141, 0.3074, 0.3191



41.1141, 0.3131, 0.3209



41.1141, 0.3188, 0.3248

Triad

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



41.1141, 0.3131, 0.3209



41.1141, 0.3224, 0.3382



41.1141, 0.3027, 0.3280

Complementary

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



41.1141, 0.3131, 0.3209



42.4995, 0.3123, 0.3372

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.



41.1141, 0.3067, 0.3332



41.1141, 0.3131, 0.3209



41.1141, 0.3180, 0.3391

Square

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



41.1141, 0.3131, 0.3209



41.1141, 0.3242, 0.3348



41.1141, 0.3123, 0.3373



41.1141, 0.3014, 0.3231

Rectangle

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



41.1141, 0.3131, 0.3209



41.1141, 0.3217, 0.3282



41.1141, 0.3123, 0.3373



41.1141, 0.3038, 0.3298

Sweetspot

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



41.1159, 0.3131, 0.3209



77.4758, 0.3128, 0.3266



40.4327, 0.3077, 0.3207



16.8051, 0.3128, 0.3267



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.



41.1159, 0.3131, 0.3209



73.7797, 0.3132, 0.3193



40.9987, 0.3156, 0.3249



9.3252, 0.3132, 0.3179



9.0685, 0.3211, 0.1543



0.2854, 0.3210, 0.1542

Inverse Universe

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



41.1159, 0.3131, 0.3209



73.7797, 0.3132, 0.3193



42.6141, 0.3099, 0.3331



9.3252, 0.3132, 0.3179



9.0685, 0.3211, 0.1543



0.2854, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 41.1141, 0.3131, 0.3209 looks on a white background.

Color Contrast Check

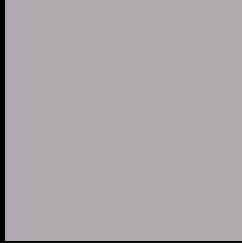
Large Text (above 18pt) WCAG AA × Fail

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 41.1141, 0.3131, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

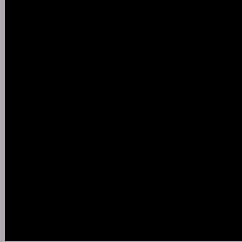
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

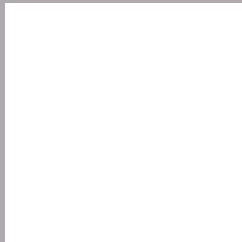
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1141, 0.3131, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 41.1141, 0.3131, 0.3209.



This preview shows how white text looks on a background with the Yxy color 41.1141, 0.3131, 0.3209.

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

41.1141, 0.3131, 0.3209

Protanopia

41.1446, 0.3103, 0.3222

Deuteranopia

40.8859, 0.3217, 0.3145



Tritanopia

41.1004, 0.3090, 0.3116

Trichromacy



Original Color

41.1141, 0.3131, 0.3209

Protanomaly

41.2591, 0.3112, 0.3222

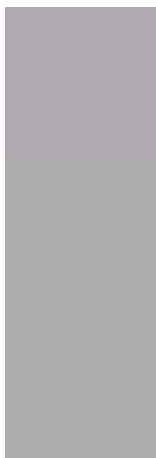
Deuteranomaly

40.7568, 0.3179, 0.3157

Tritanomaly

41.0183, 0.3107, 0.3142

Monochromacy



Original Color

41.1141, 0.3131, 0.3209

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.0272, 0.3128, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1141, 0.3131, 0.3209 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(176, 170, 176)` looks like.

```
.text, #text, p{  
    color:rgb(176, 170, 176)  
}
```

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(176, 170, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 170, 176) }
```

Border

The CSS property to change the border of an element to Yxy 41.1141, 0.3131, 0.3209 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(176, 170, 176) }
```

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

```
.border{ border-color:rgb(176, 170, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 170, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 170, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 170, 176);  
box-shadow:4px 4px 4px 4px rgb(176, 170,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1141, 0.3131, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 170, 176) }
```

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

```
.background{ background-color: rgb(176,  
170, 176) }
```

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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