

Converting Colors

Yxy(40.4642, 0.3154, 0.3136)

Have a look what the booklet for
Yxy(40.4642, 0.3154, 0.3136)
contains.

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Color

Yxy(40.5551, 0.3152, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	B4A7B2
RGB	180, 167, 178
RGB Percent	71%, 65%, 70%
CMY	0.2943, 0.3450, 0.3019
CMYK	0.00, 0.07, 0.01, 0.29
HSL	309°, 8%, 68%
HSV	309°, 7%, 71%
XYZ	40.6712, 40.5551, 47.8068
YIQ	172.1410, 4.2170, 6.1770

Conversions

Conversions Part 2

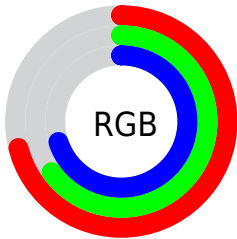
Format	Color
RYB	180, 167, 178
Decimal	11839410
CIELab	69.86, 6.68, -3.97
CIElCh	70, 7.770, 329.270
Yxy	40.5551, 0.3152, 0.3143
Android (android.graphics.Color)	4290029490 (0xFFB4A7B2)
YUV	172.1410, 2.8885, 6.8923
Hunter-Lab	63.6829, 2.5544, 0.0690

Details

The Yxy color **40.5551, 0.3152, 0.3143** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.7092, 0.3103, 0.3442**, and the grayscale version is **41.3125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0159, 0.3147, 0.3166**, and **18.2542, 0.3161, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **34.3064, 0.3191, 0.2932**, and if you desaturate by 10%, it is **47.7271, 0.3118, 0.3346**.

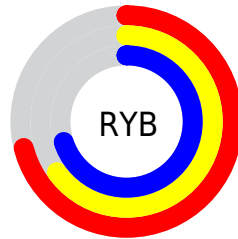
Distribution



Red (71%)

Green (65%)

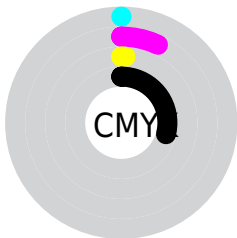
Blue (70%)



Red (71%)

Yellow (65%)

Blue (70%)

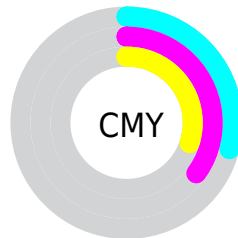


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5551, 0.3152, 0.3143 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 40.5551, 0.3152, 0.3143 by changing the saturation by 10% instead.


 40.5551, 0.3152,
0.3143


 40.5551, 0.3152,
0.3143


348.4577, 0.3140,
0.3218

 27.9716, 0.3155,
0.3124


 76.0081, 0.3148,
0.3170

 18.3043, 0.3159,
0.3100


 99.6463, 0.3146,
0.3180

 11.1687, 0.3164,
0.3067


127.7383, 0.3144,
0.3189

 6.1804, 0.3171,
0.3020

160.6684, 0.3143,
0.3196

 2.9551, 0.3182,
0.2949

198.8210, 0.3142,
0.3203

 1.1083, 0.3199,
0.2826

242.5805, 0.3141,

 0.0000, 0.3628,

0.3208

0.0000

292.3312, 0.3140,
0.3213

0.0000, 0.0000,
0.0000

40.5551, 0.3152,
0.3143

40.5551, 0.3152,
0.3143

34.3064, 0.3191,
0.2932

47.7271, 0.3118,
0.3346

28.9380, 0.3235,
0.2718

55.8527, 0.3089,
0.3538

24.4115, 0.3283,
0.2508

64.9672, 0.3064,
0.3717

20.6833, 0.3336,
0.2308

75.1025, 0.3043,
0.3883

17.7062, 0.3392,
0.2129

85.0078, 0.3025,
0.4015

■ 15.4280, 0.3450,
0.1981

■ 85.1293, 0.3010,
0.3983

■ 13.7894, 0.3508,
0.1870

■ 85.2530, 0.2996,
0.3950

■ 12.7219, 0.3564,
0.1803

■ 85.3790, 0.2982,
0.3918

■ 12.1255, 0.3617,
0.1778

■ 85.5072, 0.2967,
0.3886

Harmonies

Analogous

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



40.5551, 0.3039, 0.3100



40.5551, 0.3152, 0.3143



40.5551, 0.3260, 0.3223

Triad

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



40.5551, 0.3152, 0.3143



40.5551, 0.3306, 0.3475



40.5551, 0.2925, 0.3253

Complementary

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



40.5551, 0.3152, 0.3143



43.7092, 0.3103, 0.3442

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.



40.5551, 0.2994, 0.3357



40.5551, 0.3152, 0.3143



40.5551, 0.3214, 0.3487

Square

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



40.5551, 0.3152, 0.3143



40.5551, 0.3350, 0.3414



40.5551, 0.3099, 0.3444



40.5551, 0.2909, 0.3161

Rectangle

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



40.5551, 0.3152, 0.3143



40.5551, 0.3315, 0.3288



40.5551, 0.3099, 0.3444



40.5551, 0.2943, 0.3288

Sweetspot

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



40.5569, 0.3152, 0.3143



80.0708, 0.3134, 0.3249



39.3673, 0.3036, 0.3112



17.3368, 0.3134, 0.3251



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.



40.5569, 0.3152, 0.3143



71.2201, 0.3159, 0.3102



40.3034, 0.3208, 0.3229



8.6242, 0.3160, 0.3099



8.3803, 0.3626, 0.1771



0.2696, 0.3493, 0.1698

Inverse Universe

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



40.5569, 0.3152, 0.3143



71.2201, 0.3159, 0.3102



43.9578, 0.3053, 0.3352



8.6242, 0.3160, 0.3099



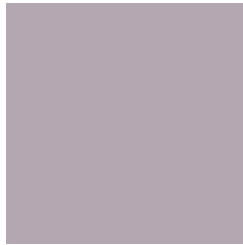
8.3803, 0.3626, 0.1771



0.2696, 0.3493, 0.1698

Previews

White Background



This preview shows how the Yxy color 40.5551, 0.3152, 0.3143 looks on a white background.

Color Contrast Check

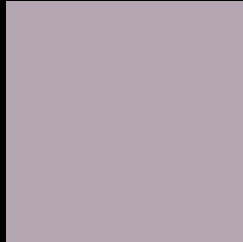
Large Text (above 18pt) WCAG AA × Fail

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 40.5551, 0.3152, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

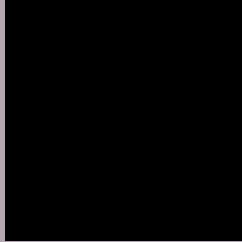
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.5551, 0.3152, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 40.5551, 0.3152, 0.3143.



This preview shows how white text looks on a background with the Yxy color 40.5551, 0.3152, 0.3143.

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

40.5551, 0.3152, 0.3143

Protanopia

40.7027, 0.3053, 0.3154

Deuteranopia

40.6771, 0.3190, 0.3131



Tritanopia

40.6360, 0.3135, 0.3117

Trichromacy



Original Color

40.5551, 0.3152, 0.3143

Protanomaly

40.6293, 0.3088, 0.3154

Deuteranomaly

40.5541, 0.3181, 0.3131

Tritanomaly

40.5954, 0.3144, 0.3130

Monochromacy



Original Color

40.5551, 0.3152, 0.3143

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.9194, 0.3139, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5551, 0.3152, 0.3143 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, 167, 178)` looks like.

```
.text, #text, p{  
    color:rgb(180, 167, 178)  
}
```

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, 167, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 167, 178) }
```

Border

The CSS property to change the border of an element to Yxy 40.5551, 0.3152, 0.3143 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, 167, 178) }
```

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

```
.border{ border-color:rgb(180, 167, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 167, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 167, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 167, 178);  
box-shadow:4px 4px 4px 4px rgb(180, 167,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5551, 0.3152, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 167, 178) }
```

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

```
.background{ background-color: rgb(180,  
167, 178) }
```

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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