

Converting Colors

Yxy(40.4863, 0.3151, 0.3131)

Have a look what the booklet for
Yxy(40.4863, 0.3151, 0.3131)
contains.

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Color

Yxy(40.5954, 0.3144, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	B4A7B3
RGB	180, 167, 179
RGB Percent	71%, 65%, 70%
CMY	0.2941, 0.3451, 0.2981
CMYK	0.00, 0.07, 0.01, 0.29
HSL	305°, 8%, 68%
HSV	305°, 7%, 71%
XYZ	40.7770, 40.5954, 48.3254
YIQ	172.2550, 3.8960, 6.4880

Conversions

Conversions Part 2

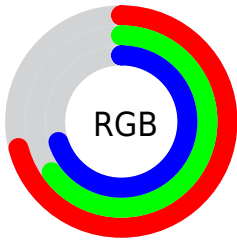
Format	Color
RYB	180, 167, 179
Decimal	11839411
CIELab	69.89, 6.88, -4.47
CIELCh	70, 8.207, 327.003
Yxy	40.5954, 0.3144, 0.3130
Android (android.graphics.Color)	4290029491 (0xFFB4A7B3)
YUV	172.2550, 3.3253, 6.7924
Hunter-Lab	63.7145, 2.7387, -0.3694

Details

The Yxy color **40.5954, 0.3144, 0.3130** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.6884, 0.3111, 0.3455**, and the grayscale version is **41.3728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0736, 0.3140, 0.3156**, and **18.2799, 0.3149, 0.3087** is the 20% darker color. If you saturate the color by 10%, you get **34.3974, 0.3170, 0.2902**, and if you desaturate by 10%, it is **47.7155, 0.3121, 0.3350**.

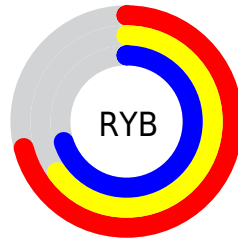
Distribution



Red (71%)

Green (65%)

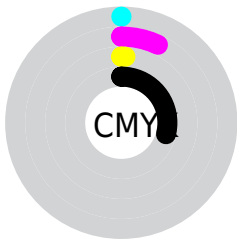
Blue (70%)



Red (71%)

Yellow (65%)

Blue (70%)

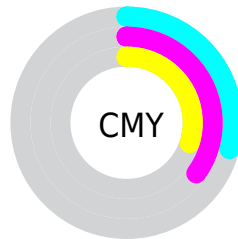


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5954, 0.3144, 0.3130 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 40.5954, 0.3144, 0.3130 by changing the saturation by 10% instead.


 40.5954, 0.3144,
0.3130


 40.5954, 0.3144,
0.3130


348.6267, 0.3136,
0.3211

 28.0031, 0.3146,
0.3109


 76.0693, 0.3141,
0.3160

 18.3280, 0.3148,
0.3083


 99.7197, 0.3140,
0.3171

 11.1857, 0.3152,
0.3047


127.8249, 0.3139,
0.3180

 6.1919, 0.3156,
0.2997

160.7693, 0.3138,
0.3188

 2.9621, 0.3162,
0.2919

198.9373, 0.3138,
0.3195

 1.1120, 0.3171,
0.2788

242.7132, 0.3137,

 0.0000, 0.3434,

0.3201

0.0000

292.4816, 0.3136,
0.3206

0.0000, 0.0000,
0.0000

40.5954, 0.3144,
0.3130

40.5954, 0.3144,
0.3130

34.3974, 0.3170,
0.2902

47.7155, 0.3121,
0.3350

29.0784, 0.3198,
0.2672

55.7880, 0.3101,
0.3559

24.6001, 0.3228,
0.2448

64.8483, 0.3083,
0.3754

20.9189, 0.3259,
0.2236

74.9282, 0.3067,
0.3935

17.9875, 0.3292,
0.2048

84.7710, 0.3055,
0.4081

■ 15.7536, 0.3324,
0.1891

■ 84.8314, 0.3047,
0.4064

■ 14.1580, 0.3355,
0.1773

■ 84.8924, 0.3040,
0.4047

■ 13.1320, 0.3383,
0.1698

■ 84.9540, 0.3032,
0.4031

■ 12.5755, 0.3409,
0.1663

■ 85.0162, 0.3025,
0.4014

Harmonies

Analogous

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



40.5954, 0.3025, 0.3089



40.5954, 0.3144, 0.3130



40.5954, 0.3260, 0.3212

Triad

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



40.5954, 0.3144, 0.3130



40.5954, 0.3321, 0.3482



40.5954, 0.2918, 0.3259

Complementary

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



40.5954, 0.3144, 0.3130



43.6884, 0.3111, 0.3455

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.



40.5954, 0.2994, 0.3369



40.5954, 0.3144, 0.3130



40.5954, 0.3227, 0.3500

Square

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



40.5954, 0.3144, 0.3130



40.5954, 0.3364, 0.3414



40.5954, 0.3107, 0.3458



40.5954, 0.2896, 0.3160

Rectangle

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



40.5954, 0.3144, 0.3130



40.5954, 0.3320, 0.3280



40.5954, 0.3107, 0.3458



40.5954, 0.2938, 0.3296

Sweetspot

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



40.5972, 0.3144, 0.3130



80.0904, 0.3132, 0.3245



39.2455, 0.3026, 0.3111



17.3408, 0.3132, 0.3248



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.



40.5972, 0.3144, 0.3130



71.3075, 0.3149, 0.3086



40.3463, 0.3199, 0.3214



8.6350, 0.3149, 0.3083



8.6952, 0.3413, 0.1654



0.2770, 0.3350, 0.1619

Inverse Universe

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



40.5972, 0.3144, 0.3130



71.3075, 0.3149, 0.3086



43.9308, 0.3061, 0.3367



8.6350, 0.3149, 0.3083



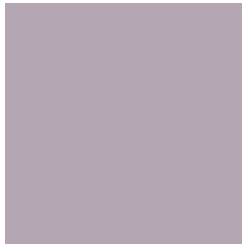
8.6952, 0.3413, 0.1654



0.2770, 0.3350, 0.1619

Previews

White Background



This preview shows how the Yxy color 40.5954, 0.3144, 0.3130 looks on a white background.

Color Contrast Check

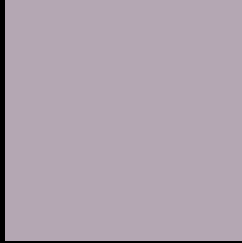
Large Text (above 18pt) WCAG AA × Fail

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 40.5954, 0.3144, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

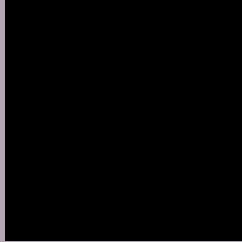
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.5954, 0.3144, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 40.5954, 0.3144, 0.3130.



This preview shows how white text looks on a background with the Yxy color 40.5954, 0.3144, 0.3130.

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

40.5954, 0.3144, 0.3130

Protanopia

40.7436, 0.3045, 0.3140

Deuteranopia

40.7175, 0.3181, 0.3118



Tritanopia

40.6360, 0.3135, 0.3117

Trichromacy



Original Color

40.5954, 0.3144, 0.3130

Protanomaly

40.6699, 0.3080, 0.3141

Deuteranomaly

40.5944, 0.3172, 0.3118

Tritanomaly

40.6360, 0.3135, 0.3117

Monochromacy



Original Color

40.5954, 0.3144, 0.3130

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.9586, 0.3130, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5954, 0.3144, 0.3130 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(180, 167, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 167, 179) }
```

Border

The CSS property to change the border of an element to Yxy 40.5954, 0.3144, 0.3130 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, 179) }
```

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

```
.border{ border-color:rgb(180, 167, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 167, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 167, 179);  
box-shadow:4px 4px 4px 4px rgb(180, 167,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5954, 0.3144, 0.3130 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, 179) }
```

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

```
.background{ background-color: rgb(180,  
167, 179) }
```

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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