

Converting Colors

Yxy(41.2456, 0.3126, 0.3134)

Have a look what the booklet for
Yxy(41.2456, 0.3126, 0.3134)
contains.

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Color

Yxy(41.3745, 0.3134, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	B4A9B4
RGB	180, 169, 180
RGB Percent	71%, 66%, 71%
CMY	0.2942, 0.3372, 0.2942
CMYK	0.00, 0.06, 0.00, 0.29
HSL	300°, 7%, 68%
HSV	300°, 6%, 71%
XYZ	41.2429, 41.3745, 48.9809
YIQ	173.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

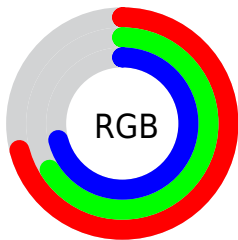
Format	Color
RYB	180, 169, 180
Decimal	11839924
CIELab	70.44, 5.96, -4.21
CIELCh	70, 7.300, 324.736
Yxy	41.3745, 0.3134, 0.3144
Android (android.graphics.Color)	4290030004 (0xFFB4A9B4)
YUV	173.5430, 3.1833, 5.6628
Hunter-Lab	64.3230, 1.8861, -0.1222

Details

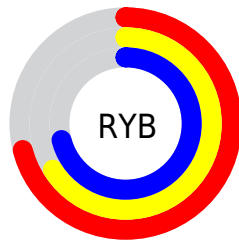
The Yxy color **41.3745, 0.3134, 0.3144** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.9361, 0.3120, 0.3440**, and the grayscale version is **42.0623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2003, 0.3133, 0.3166**, and **18.7669, 0.3136, 0.3106** is the 20% darker color. If you saturate the color by 10%, you get **35.1333, 0.3145, 0.2899**, and if you desaturate by 10%, it is **48.5411, 0.3123, 0.3382**.

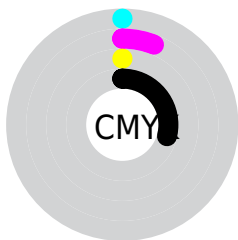
Distribution



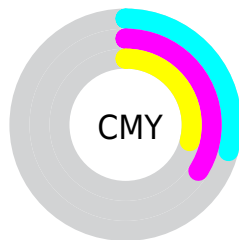
- Red (71%)
- Green (66%)
- Blue (71%)



- Red (71%)
- Yellow (66%)
- Blue (71%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (29%)





- Cyan (29%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3745, 0.3134, 0.3144 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 41.3745, 0.3134, 0.3144 by changing the saturation by 10% instead.

 41.3745, 0.3134,
0.3144


 41.3745, 0.3134,
0.3144


351.8834, 0.3131,
0.3218

 28.6118, 0.3135,
0.3125


 77.2521, 0.3133,
0.3171

 18.7874, 0.3136,
0.3101


 101.1358, 0.3133,
0.3181

 11.5167, 0.3137,
0.3069


129.4952, 0.3132,
0.3190

 6.4155, 0.3138,
0.3023

162.7149, 0.3132,
0.3197

 3.0994, 0.3139,
0.2953

201.1792, 0.3132,
0.3203

 1.1838, 0.3140,
0.2835

245.2724, 0.3131,

 0.0484, 0.3261,

0.3209

0.0825

295.3790, 0.3131,
0.3214

0.0000, 0.0000,
0.0000

41.3745, 0.3134,
0.3144

41.3745, 0.3134,
0.3144

35.1333, 0.3145,
0.2899

48.5411, 0.3123,
0.3382

29.7747, 0.3157,
0.2652

56.6630, 0.3112,
0.3607

25.2606, 0.3168,
0.2412

65.7753, 0.3102,
0.3818

21.5478, 0.3179,
0.2186

75.9101, 0.3093,
0.4013

18.5895, 0.3188,
0.1986

84.5163, 0.3087,
0.4153

■ 16.3342, 0.3196,
0.1818

■ 84.5165, 0.3087,
0.4153

■ 14.7235, 0.3202,
0.1689

■ 84.5167, 0.3087,
0.4153

■ 13.6900, 0.3206,
0.1602

■ 84.5169, 0.3087,
0.4153

■ 13.1459, 0.3208,
0.1555

■ 84.5171, 0.3087,
0.4153

Harmonies

Analogous

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



41.3745, 0.3030, 0.3111



41.3745, 0.3134, 0.3144



41.3745, 0.3238, 0.3215

Triad

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



41.3745, 0.3134, 0.3144



41.3745, 0.3303, 0.3457



41.3745, 0.2945, 0.3270

Complementary

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



41.3745, 0.3134, 0.3144



43.9361, 0.3120, 0.3440

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.



41.3745, 0.3016, 0.3367



41.3745, 0.3134, 0.3144



41.3745, 0.3223, 0.3476

Square

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



41.3745, 0.3134, 0.3144



41.3745, 0.3337, 0.3394



41.3745, 0.3118, 0.3443



41.3745, 0.2922, 0.3181

Rectangle

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



41.3745, 0.3134, 0.3144



41.3745, 0.3292, 0.3274



41.3745, 0.3118, 0.3443



41.3745, 0.2964, 0.3303

Sweetspot

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



41.3763, 0.3134, 0.3144



80.1116, 0.3129, 0.3242



40.1802, 0.3036, 0.3142



17.3451, 0.3129, 0.3244



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.



41.3763, 0.3134, 0.3144



73.8041, 0.3135, 0.3119



41.1645, 0.3179, 0.3214



8.9129, 0.3136, 0.3111



9.0707, 0.3209, 0.1541



0.2854, 0.3209, 0.1541

Inverse Universe

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



40.9471, 0.3228, 0.3290



72.9007, 0.3246, 0.3290



44.1391, 0.3078, 0.3367



8.7983, 0.3252, 0.3290



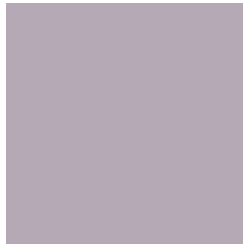
6.7723, 0.6401, 0.3300



0.2131, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 41.3745, 0.3134, 0.3144 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 41.3745, 0.3134, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

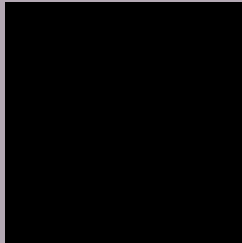
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

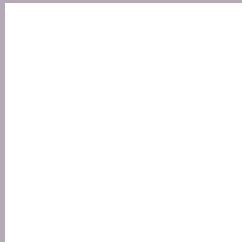
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.3745, 0.3134, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 41.3745, 0.3134, 0.3144.



This preview shows how white text looks on a background with the Yxy color 41.3745, 0.3134, 0.3144.

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

41.3745, 0.3134, 0.3144

Protanopia

41.3463, 0.3062, 0.3155

Deuteranopia

41.2470, 0.3181, 0.3119



Tritanopia

41.4566, 0.3117, 0.3117

Trichromacy



Original Color

41.3745, 0.3134, 0.3144

Protanomaly

41.3158, 0.3089, 0.3142

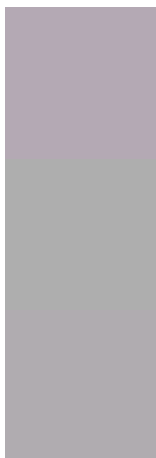
Deuteranomaly

41.3678, 0.3162, 0.3132

Tritanomaly

41.4154, 0.3126, 0.3130

Monochromacy



Original Color

41.3745, 0.3134, 0.3144

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8697, 0.3130, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3745, 0.3134, 0.3144 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, 169, 180)` looks like.

```
.text, #text, p{  
    color:rgb(180, 169, 180)  
}
```

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, 169, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 169, 180) }
```

Border

The CSS property to change the border of an element to Yxy 41.3745, 0.3134, 0.3144 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, 169, 180) }
```

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

```
.border{ border-color:rgb(180, 169, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 169, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 169, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 169, 180);  
box-shadow:4px 4px 4px 4px rgb(180, 169,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3745, 0.3134, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 169, 180) }
```

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

```
.background{ background-color: rgb(180,  
169, 180) }
```

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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