

Converting Colors

$Yxy(42.0757, 0.3184, 0.3078)$

Have a look what the booklet for
Yxy(42.0757, 0.3184, 0.3078)
contains.

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Color

Yxy(41.9169, 0.3183, 0.3070)

Conversions

Conversions Part 1

Format	Color
Hex	BDA7B8
RGB	189, 167, 184
RGB Percent	74%, 65%, 72%
CMY	0.2588, 0.3451, 0.2783
CMYK	0.00, 0.12, 0.03, 0.26
HSL	314°, 14%, 70%
HSV	314°, 12%, 74%
XYZ	43.4598, 41.9169, 51.1605
YIQ	175.5160, 7.6550, 9.9510

Conversions

Conversions Part 2

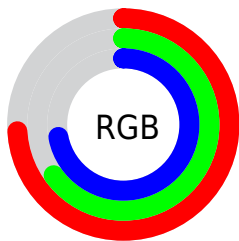
Format	Color
R_{YB}	189, 167, 184
Decimal	12429240
CIE _{Lab}	70.81, 11.00, -5.81
CIE _{LCh}	71, 12.441, 332.181
Yxy	41.9169, 0.3183, 0.3070
Android (android.graphics.Color)	4290619320 (0xFFBDA7B8)
YUV	175.5160, 4.1826, 11.8255
Hunter-Lab	64.7433, 6.5198, -1.5310

Details

The Yxy color **41.9169, 0.3183, 0.3070** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.5916, 0.3076, 0.3520**, and the grayscale version is **43.1278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9463, 0.3171, 0.3109**, and **19.1344, 0.3204, 0.3008** is the 20% darker color. If you saturate the color by 10%, you get **35.3155, 0.3239, 0.2874**, and if you desaturate by 10%, it is **49.5395, 0.3134, 0.3260**.

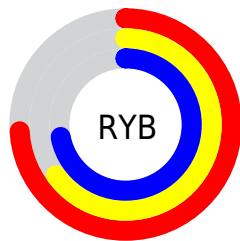
Distribution



Red (74%)

Green (65%)

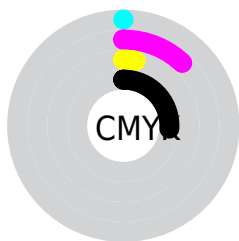
Blue (72%)



Red (74%)

Yellow (65%)

Blue (72%)

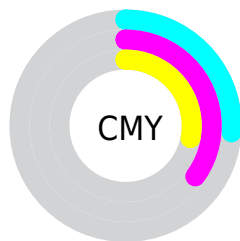


Cyan (0%)

Magenta (12%)

Yellow (3%)

Black (26%)



Cyan (26%)


Magenta (35%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9169, 0.3183, 0.3070 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 41.9169, 0.3183, 0.3070 by changing the saturation by 10% instead.


 41.9169, 0.3183,
0.3070


 41.9169, 0.3183,
0.3070


354.1383, 0.3155,
0.3180

 29.0362, 0.3190,
0.3042


 78.0738, 0.3173,
0.3110

 19.1082, 0.3198,
0.3007


 102.1189, 0.3169,
0.3125

 11.7485, 0.3210,
0.2960


130.6542, 0.3166,
0.3138

 6.5727, 0.3225,
0.2894

164.0642, 0.3163,
0.3149

 3.1963, 0.3248,
0.2795

202.7332, 0.3161,
0.3158

 1.2351, 0.3285,
0.2631

247.0456, 0.3159,

 0.0901, 0.3735,

0.3166

0.0950

297.3859, 0.3157,
0.3174

■ 0.0000, 0.0000,
0.0000

■ 41.9169, 0.3183,
0.3070

■ 41.9169, 0.3183,
0.3070

■ 35.3155, 0.3239,
0.2874

■ 49.5395, 0.3134,
0.3260

■ 29.6860, 0.3304,
0.2676

■ 58.2189, 0.3093,
0.3440

■ 24.9833, 0.3376,
0.2483

■ 67.9957, 0.3058,
0.3608

■ 21.1565, 0.3456,
0.2304

■ 78.9069, 0.3028,
0.3764

■ 18.1499, 0.3542,
0.2149

■ 86.7679, 0.3004,
0.3843

■ 15.9012, 0.3631,
0.2027

■ 86.9779, 0.2981,
0.3793

■ 14.3393, 0.3721,
0.1946

■ 87.1937, 0.2958,
0.3744

■ 13.3795, 0.3809,
0.1912

■ 87.4152, 0.2935,
0.3695

■ 12.9018, 0.3881,
0.1912

■ 87.6425, 0.2913,
0.3646

Harmonies

Analogous

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



41.9169, 0.3002, 0.2997



41.9169, 0.3183, 0.3070



41.9169, 0.3353, 0.3198

Triad

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



41.9169, 0.3183, 0.3070



41.9169, 0.3398, 0.3589



41.9169, 0.2803, 0.3213

Complementary

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



41.9169, 0.3183, 0.3070



47.5916, 0.3076, 0.3520

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.



41.9169, 0.2903, 0.3381



41.9169, 0.3183, 0.3070



41.9169, 0.3246, 0.3603

Square

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



41.9169, 0.3183, 0.3070



41.9169, 0.3479, 0.3495



41.9169, 0.3064, 0.3526



41.9169, 0.2787, 0.3073

Rectangle

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



41.9169, 0.3183, 0.3070



41.9169, 0.3435, 0.3300



41.9169, 0.3064, 0.3526



41.9169, 0.2828, 0.3268

Sweetspot

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



41.9187, 0.3183, 0.3070



86.6887, 0.3141, 0.3234



40.0561, 0.2987, 0.2994



18.3948, 0.3145, 0.3219



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.9187, 0.3183, 0.3070



71.8477, 0.3197, 0.3020



41.4832, 0.3277, 0.3209



9.6583, 0.3171, 0.3114



8.6920, 0.3871, 0.1906



0.3497, 0.3682, 0.1802

Inverse Universe

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



41.9187, 0.3183, 0.3070



71.8477, 0.3197, 0.3020



48.0231, 0.2996, 0.3373



9.6583, 0.3171, 0.3114



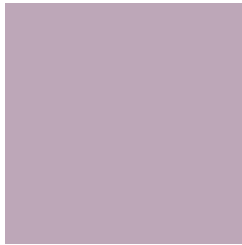
8.6920, 0.3871, 0.1906



0.3497, 0.3682, 0.1802

Previews

White Background



This preview shows how the Yxy color 41.9169, 0.3183, 0.3070 looks on a white background.

Color Contrast Check

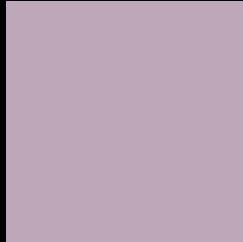
Large Text (above 18pt) WCAG AA × Fail

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 41.9169, 0.3183, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

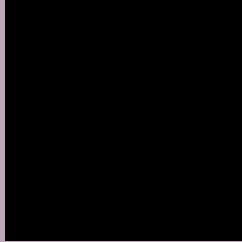
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9169, 0.3183, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 41.9169, 0.3183, 0.3070.



This preview shows how white text looks on a background with the Yxy color 41.9169, 0.3183, 0.3070.

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

41.9169, 0.3183, 0.3070

Protanopia

41.8636, 0.3005, 0.3089

Deuteranopia

41.7802, 0.3146, 0.3081



Tritanopia

42.1603, 0.3208, 0.3122

Trichromacy



Original Color

41.9169, 0.3183, 0.3070

Protanomaly

41.7596, 0.3066, 0.3078

Deuteranomaly

41.9051, 0.3155, 0.3082

Tritanomaly

42.2015, 0.3200, 0.3109

Monochromacy



Original Color

41.9169, 0.3183, 0.3070

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.9656, 0.3149, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9169, 0.3183, 0.3070 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(189, 167, 184)` looks like.

```
.text, #text, p{  
    color:rgb(189, 167, 184)  
}
```

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(189, 167, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 167, 184) }
```

Border

The CSS property to change the border of an element to Yxy 41.9169, 0.3183, 0.3070 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(189, 167, 184) }
```

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

```
.border{ border-color:rgb(189, 167, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 167, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 167, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 167, 184);  
box-shadow:4px 4px 4px 4px rgb(189, 167,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9169, 0.3183, 0.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 167, 184) }
```

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

```
.background{ background-color: rgb(189,  
167, 184) }
```

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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