

Converting Colors

$Y_{xy}(42.7076, 0.3138, 0.3037)$

Have a look what the booklet for
Yxy(42.7076, 0.3138, 0.3037)
contains.

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Color

Yxy(42.7414, 0.3130, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	BCA9BD
RGB	188, 169, 189
RGB Percent	74%, 66%, 74%
CMY	0.2628, 0.3372, 0.2588
CMYK	0.01, 0.11, 0.00, 0.26
HSL	297°, 13%, 70%
HSV	297°, 11%, 74%
XYZ	44.1083, 42.7414, 54.0715
YIQ	176.9610, 4.9040, 10.2480

Conversions

Conversions Part 2

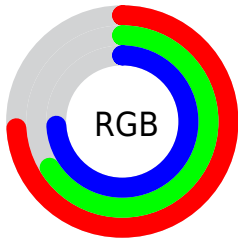
Format	Color
RYB	188, 169, 189
Decimal	12364221
CIELab	71.38, 10.47, -7.73
CIELCh	71, 13.014, 323.583
Yxy	42.7414, 0.3130, 0.3033
Android (android.graphics.Color)	4290554301 (0xFFBCA9BD)
YUV	176.9610, 5.9352, 9.6812
Hunter-Lab	65.3769, 6.0204, -3.2733




Details

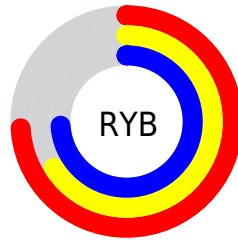
The Yxy color **42.7414, 0.3130, 0.3033** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.8128, 0.3123, 0.3560**, and the grayscale version is **43.9110, 0.3127, 0.3290**.




A 20% lighter version of the original color is **79.1370, 0.3130, 0.3079**, and **19.6510, 0.3130, 0.2958** is the 20% darker color. If you saturate the color by 10%, you get **36.0882, 0.3132, 0.2783**, and if you desaturate by 10%, it is **50.4156, 0.3127, 0.3276**.

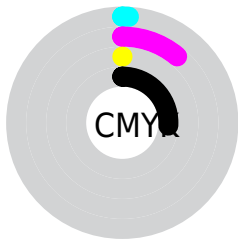
Distribution







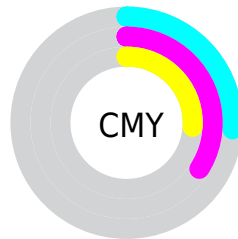
-  Red (74%)
-  Green (66%)
-  Blue (74%)






-  Red (74%)
-  Yellow (66%)
-  Blue (74%)



-  Cyan (1%)
-  Magenta (11%)
-  Yellow (0%)
-  Black (26%)




-  Cyan (26%)
-  Magenta (34%)
-  Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7414, 0.3130, 0.3033 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 42.7414, 0.3130, 0.3033 by changing the saturation by 10% instead.


 42.7414, 0.3130,
0.3033


 42.7414, 0.3130,
0.3033


357.5472, 0.3130,
0.3161

 29.6823, 0.3130,
0.3001


 79.3205, 0.3130,
0.3079

 19.5975, 0.3129,
0.2960


 103.6092, 0.3130,
0.3097

 12.1028, 0.3128,
0.2906


132.4099, 0.3130,
0.3112

 6.8138, 0.3126,
0.2831

166.1070, 0.3130,
0.3124

 3.3459, 0.3122,
0.2719

205.0849, 0.3130,
0.3135

 1.3149, 0.3111,
0.2537

249.7280, 0.3130,


 0.1527, 0.3181,


0.3145

0.1212


300.4206, 0.3130,
0.3153


 0.0000, 0.0000,
0.0000

 42.7414, 0.3130,
0.3033


 42.7414, 0.3130,
0.3033


 36.0882, 0.3132,
0.2783


 50.4156, 0.3127,
0.3276

 30.4072, 0.3132,
0.2533

 59.1462, 0.3124,
0.3508


 25.6536, 0.3130,
0.2292

 68.9735, 0.3120,
0.3725

 21.7771, 0.3126,
0.2068

 79.9342, 0.3115,
0.3926

 18.7225, 0.3121,
0.1871

 86.5099, 0.3115,
0.4029

■ 16.4284, 0.3113,
0.1710

■ 86.6378, 0.3121,
0.4028

■ 14.8250, 0.3103,
0.1590

■ 86.7665, 0.3127,
0.4026

■ 13.8292, 0.3092,
0.1513

■ 86.8961, 0.3133,
0.4025

■ 13.2931, 0.3081,
0.1471

■ 87.0266, 0.3139,
0.4024

Harmonies

Analogous

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



42.7414, 0.2949, 0.2977



42.7414, 0.3130, 0.3033



42.7414, 0.3315, 0.3152

Triad

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



42.7414, 0.3130, 0.3033



42.7414, 0.3442, 0.3580



42.7414, 0.2812, 0.3259

Complementary

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



42.7414, 0.3130, 0.3033



47.8128, 0.3123, 0.3560

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.



42.7414, 0.2938, 0.3432



42.7414, 0.3130, 0.3033



42.7414, 0.3301, 0.3621

Square

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



42.7414, 0.3130, 0.3033



42.7414, 0.3499, 0.3463



42.7414, 0.3116, 0.3567



42.7414, 0.2769, 0.3101

Rectangle

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



42.7414, 0.3130, 0.3033



42.7414, 0.3415, 0.3254



42.7414, 0.3116, 0.3567



42.7414, 0.2846, 0.3317

Sweetspot

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



42.7432, 0.3130, 0.3033



86.7219, 0.3128, 0.3217



40.9896, 0.2964, 0.3038



18.4038, 0.3128, 0.3198



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.



42.7432, 0.3130, 0.3033



73.2408, 0.3131, 0.2968



42.5090, 0.3213, 0.3143



9.6706, 0.3130, 0.3063



8.9539, 0.3082, 0.1472



0.3584, 0.3115, 0.1489

Inverse Universe

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



42.1036, 0.3303, 0.3277



71.8393, 0.3353, 0.3274



48.0350, 0.3050, 0.3441



9.5441, 0.3280, 0.3279



7.2970, 0.6336, 0.3264



0.2886, 0.6095, 0.3132

Previews

White Background



This preview shows how the Yxy color 42.7414, 0.3130, 0.3033 looks on a white background.

Color Contrast Check

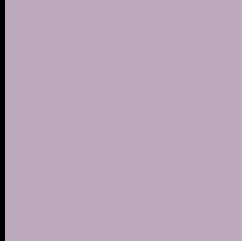
Large Text (above 18pt) WCAG AA × Fail

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 42.7414, 0.3130, 0.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

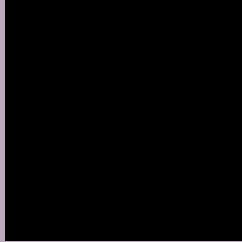
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.7414, 0.3130, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 42.7414, 0.3130, 0.3033.



This preview shows how white text looks on a background with the Yxy color 42.7414, 0.3130, 0.3033.

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

42.7414, 0.3130, 0.3033

Protanopia

42.9621, 0.2975, 0.3051

Deuteranopia

42.7379, 0.3103, 0.3044



Tritanopia

42.7331, 0.3171, 0.3121

Trichromacy



Original Color

42.7414, 0.3130, 0.3033

Protanomaly

42.7316, 0.3025, 0.3040

Deuteranomaly

42.8627, 0.3112, 0.3045

Tritanomaly

42.8170, 0.3154, 0.3096

Monochromacy



Original Color

42.7414, 0.3130, 0.3033

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.4321, 0.3131, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7414, 0.3130, 0.3033 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(188, 169, 189)` looks like.

```
.text, #text, p{  
    color:rgb(188, 169, 189)  
}
```

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(188, 169, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 169, 189) }
```

Border

The CSS property to change the border of an element to Yxy 42.7414, 0.3130, 0.3033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

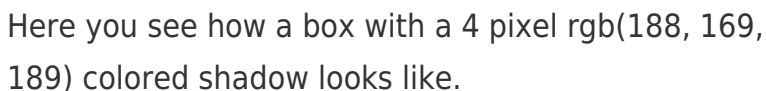
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 169, 189) }
```

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

```
.border{ border-color:rgb(188, 169, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 169, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 169, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 169, 189);  
box-shadow:4px 4px 4px 4px rgb(188, 169,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7414, 0.3130, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 169, 189) }
```

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

```
.background{ background-color: rgb(188,  
169, 189) }
```

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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