

Converting Colors

Yxy(30.4042, 0.3180, 0.2840)

Have a look what the booklet for
Yxy(30.4042, 0.3180, 0.2840)
contains.

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Color

Yxy(30.4042, 0.3180, 0.2840)

Conversions

Conversions Part 1

Format	Color
Hex	AE8BAB
RGB	174, 139, 171
RGB Percent	68%, 55%, 67%
CMY	0.3175, 0.4549, 0.3294
CMYK	0.00, 0.20, 0.02, 0.32
HSL	305°, 18%, 61%
HSV	305°, 20%, 68%
XYZ	34.0441, 30.4042, 42.6087
YIQ	153.1130, 10.5880, 17.3720

Conversions

Conversions Part 2

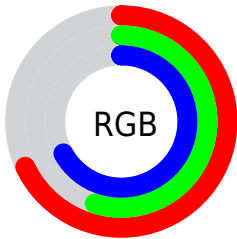
Format	Color
RYB	174, 139, 171
Decimal	11439019
CIELab	62.00, 18.88, -11.80
CIELCh	62, 22.263, 327.983
Yxy	30.4042, 0.3180, 0.2840
Android (android.graphics.Color)	4289629099 (0xFFAE8BAB)
YUV	153.1130, 8.8183, 18.3179
Hunter-Lab	55.1400, 13.7132, -7.2176

Details

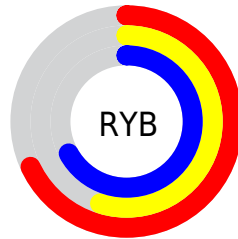
The Yxy color **30.4042, 0.3180, 0.2840** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.7240, 0.3078, 0.3786**, and the grayscale version is **31.8661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.4539, 0.3175, 0.2934**, and **12.5416, 0.3185, 0.2702** is the 20% darker color. If you saturate the color by 10%, you get **25.7042, 0.3210, 0.2613**, and if you desaturate by 10%, it is **35.9097, 0.3152, 0.3067**.

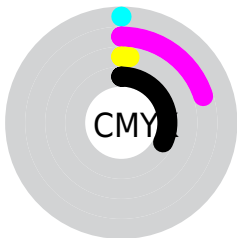
Distribution



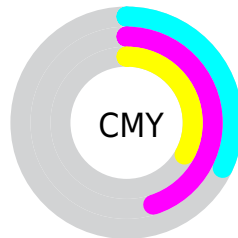
- Red (68%)
- Green (55%)
- Blue (67%)



- Red (68%)
- Yellow (55%)
- Blue (67%)



- Cyan (0%)
- Magenta (20%)
- Yellow (2%)
- Black (32%)





- Cyan (32%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.4042, 0.3180, 0.2840 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 30.4042, 0.3180, 0.2840 by changing the saturation by 10% instead.

 30.4042, 0.3180,
0.2840


 30.4042, 0.3180,
0.2840


303.7840, 0.3155,
0.3073


 20.1456, 0.3186,
0.2779


 60.3008, 0.3171,
0.2927

 12.5009, 0.3192,
0.2700


 80.7076, 0.3168,
0.2958

 7.0858, 0.3200,
0.2591


 105.2659, 0.3165,
0.2985

 3.5158, 0.3209,
0.2434

134.3601, 0.3163,
0.3008

 1.4066, 0.3217,
0.2189

168.3747, 0.3160,
0.3028

 0.2216, 0.3420,
0.1129

207.6939, 0.3158,

 0.0000, 0.0000,

0.3045

0.0000

252.7022, 0.3157,
0.3060

■ 30.4042, 0.3180,
0.2840

■ 30.4042, 0.3180,
0.2840

■ 25.7042, 0.3210,
0.2613

■ 35.9097, 0.3152,
0.3067

■ 21.7679, 0.3243,
0.2393

■ 42.2520, 0.3127,
0.3287

■ 18.5557, 0.3277,
0.2189

■ 49.4658, 0.3105,
0.3497

■ 16.0227, 0.3312,
0.2009

■ 57.5825, 0.3086,
0.3695

■ 14.1192, 0.3346,
0.1864

■ 66.6320, 0.3069,
0.3878

■ 12.7888, 0.3379,
0.1758

■ 76.6427, 0.3055,
0.4046

■ 11.9649, 0.3409,
0.1696

■ 83.8782, 0.3044,
0.4144

■ 11.5070, 0.3437,
0.1667

■ 83.9402, 0.3036,
0.4126

■ 84.0029, 0.3028,
0.4108

Harmonies

Analogous

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



30.4042, 0.2830, 0.2716



30.4042, 0.3180, 0.2840



30.4042, 0.3534, 0.3068

Triad

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



30.4042, 0.3180, 0.2840



30.4042, 0.3695, 0.3861



30.4042, 0.2514, 0.3169

Complementary

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



30.4042, 0.3180, 0.2840



37.7240, 0.3078, 0.3786

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.



30.4042, 0.2722, 0.3516



30.4042, 0.3180, 0.2840



30.4042, 0.3401, 0.3933

Square

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



30.4042, 0.3180, 0.2840



30.4042, 0.3839, 0.3642



30.4042, 0.3044, 0.3808



30.4042, 0.2462, 0.2883

Rectangle

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



30.4042, 0.3180, 0.2840



30.4042, 0.3716, 0.3255



30.4042, 0.3044, 0.3808



30.4042, 0.2567, 0.3283

Sweetspot

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



30.4055, 0.3180, 0.2840



69.5578, 0.3142, 0.3156



27.2630, 0.2826, 0.2750



15.3007, 0.3144, 0.3142



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



30.4055, 0.3180, 0.2840



51.2998, 0.3193, 0.2742



29.7842, 0.3360, 0.3080



8.1360, 0.3150, 0.3085



8.3476, 0.3434, 0.1665



0.2356, 0.3359, 0.1624

Inverse Universe

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



30.4055, 0.3180, 0.2840



51.2998, 0.3193, 0.2742



38.2890, 0.2942, 0.3511



8.1360, 0.3150, 0.3085



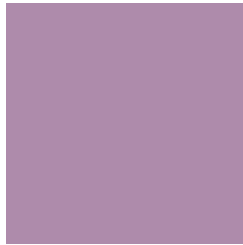
8.3476, 0.3434, 0.1665



0.2356, 0.3359, 0.1624

Previews

White Background



This preview shows how the Yxy color 30.4042, 0.3180, 0.2840 looks on a white background.

Color Contrast Check

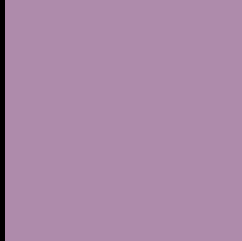
Large Text (above 18pt) WCAG AA × Fail

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 30.4042, 0.3180, 0.2840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

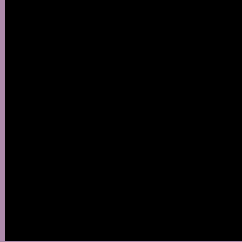
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4042, 0.3180, 0.2840

Background



This preview shows how black text looks on a background with the Yxy color 30.4042, 0.3180, 0.2840.



This preview shows how white text looks on a background with the Yxy color 30.4042, 0.3180, 0.2840.

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

30.4042, 0.3180, 0.2840

Protanopia

30.5985, 0.2829, 0.2868

Deuteranopia

30.4286, 0.2993, 0.2933



Tritanopia

30.4166, 0.3339, 0.3131

Trichromacy



Original Color

30.4042, 0.3180, 0.2840

Protanomaly

30.3145, 0.2948, 0.2848

Deuteranomaly

30.2286, 0.3063, 0.2896

Tritanomaly

30.4721, 0.3279, 0.3018

Monochromacy



Original Color

30.4042, 0.3180, 0.2840

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.2949, 0.3146, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4042, 0.3180, 0.2840 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(174, 139, 171)` looks like.

```
.text, #text, p{  
    color:rgb(174, 139, 171)  
}
```

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(174, 139, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 139, 171) }
```

Border

The CSS property to change the border of an element to Yxy 30.4042, 0.3180, 0.2840 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(174, 139, 171) }
```

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

```
.border{ border-color:rgb(174, 139, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 139, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 139, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 139, 171);  
box-shadow:4px 4px 4px 4px rgb(174, 139,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4042, 0.3180, 0.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 139, 171) }
```

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

```
.background{ background-color: rgb(174,  
139, 171) }
```

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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