

Converting Colors

$Yxy(30.3864, 0.3490, 0.3034)$

Have a look what the booklet for
Yxy(30.3864, 0.3490, 0.3034)
contains.

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Color

Yxy(30.4140, 0.3482, 0.3029)

Conversions

Conversions Part 1

Format	Color
Hex	BA889B
RGB	186, 136, 155
RGB Percent	73%, 53%, 61%
CMY	0.2707, 0.4666, 0.3922
CMYK	0.00, 0.27, 0.17, 0.27
HSL	337°, 27%, 63%
HSV	337°, 27%, 73%
XYZ	34.9625, 30.4140, 35.0328
YIQ	153.1160, 23.7010, 16.5090

Conversions

Conversions Part 2

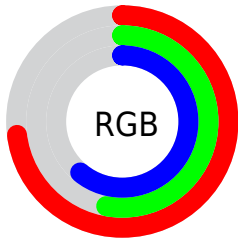
Format	Color
R _Y B	186, 136, 155
Decimal	12224667
CIE Lab	62.01, 22.01, -2.55
CIE LCh	62, 22.152, 353.398
Yxy	30.4140, 0.3482, 0.3029
Android (android.graphics.Color)	4290414747 (0xFFBA889B)
YUV	153.1160, 0.9288, 28.8393
Hunter-Lab	55.1489, 16.6525, 0.9408

Details

The Yxy color **30.4140, 0.3482, 0.3029** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.1280, 0.2870, 0.3568**, and the grayscale version is **31.8964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.4850, 0.3415, 0.3088**, and **12.5606, 0.3600, 0.2947** is the 20% darker color. If you saturate the color by 10%, you get **25.2537, 0.3668, 0.2927**, and if you desaturate by 10%, it is **36.5230, 0.3328, 0.3130**.

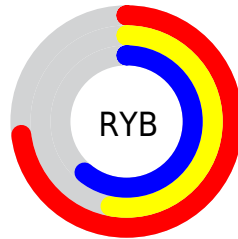
Distribution



Red (73%)

Green (53%)

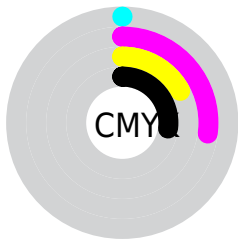
Blue (61%)



Red (73%)

Yellow (53%)

Blue (61%)

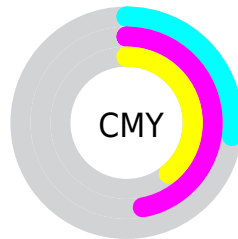


Cyan (0%)

Magenta (27%)

Yellow (17%)

Black (27%)



Cyan (27%)


Magenta (47%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4140, 0.3482, 0.3029 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 30.4140, 0.3482, 0.3029 by changing the saturation by 10% instead.


 30.4140, 0.3482,
0.3029


 30.4140, 0.3482,
0.3029


303.8295, 0.3293,
0.3167

 20.1530, 0.3533,
0.2992


 60.3163, 0.3410,
0.3081

 12.5063, 0.3602,
0.2943


 80.7264, 0.3384,
0.3100

 7.0895, 0.3699,
0.2874


 105.2883, 0.3363,
0.3116

 3.5181, 0.3845,
0.2772

134.3865, 0.3344,
0.3129

 1.4078, 0.4089,
0.2603

168.4053, 0.3329,
0.3141

 0.2225, 0.5380,
0.1599

207.7292, 0.3315,

 0.0000, 0.0000,

0.3151

0.0000

252.7424, 0.3303,
0.3159

■ 30.4140, 0.3482,
0.3029

■ 30.4140, 0.3482,
0.3029

■ 25.2537, 0.3668,
0.2927

■ 36.5230, 0.3328,
0.3130

■ 20.9898, 0.3889,
0.2830

■ 43.6209, 0.3201,
0.3227

■ 17.5716, 0.4147,
0.2746

■ 51.7509, 0.3097,
0.3318


■ 14.9414, 0.4438,
0.2685

■ 60.9522, 0.3011,
0.3402

■ 13.0342, 0.4752,
0.2661

■ 71.2621, 0.2941,
0.3480


 11.7746, 0.5070,
0.2683

 82.7160, 0.2883,
0.3551

 11.0592, 0.5370,
0.2756

 87.9946, 0.2827,
0.3499

 10.8845, 0.5461,
0.2782

 88.6858, 0.2769,
0.3372

 89.1744, 0.2731,
0.3289

Harmonies

Analogous

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



30.4140, 0.3124, 0.2816



30.4140, 0.3482, 0.3029



30.4140, 0.3750, 0.3309

Triad

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



30.4140, 0.3482, 0.3029



30.4140, 0.3451, 0.3931



30.4140, 0.2462, 0.2921

Complementary

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



30.4140, 0.3482, 0.3029



43.1280, 0.2870, 0.3568

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.



30.4140, 0.2539, 0.3221



30.4140, 0.3482, 0.3029



30.4140, 0.3099, 0.3837

Square

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



30.4140, 0.3482, 0.3029



30.4140, 0.3726, 0.3832



30.4140, 0.2767, 0.3566



30.4140, 0.2549, 0.2744

Rectangle

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



30.4140, 0.3482, 0.3029



30.4140, 0.3833, 0.3505



30.4140, 0.2767, 0.3566



30.4140, 0.2469, 0.3010

Sweetspot

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



30.4154, 0.3482, 0.3029



77.3535, 0.3216, 0.3215



29.3542, 0.2964, 0.2592



16.5867, 0.3234, 0.3200



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.



30.4154, 0.3482, 0.3029



49.6372, 0.3583, 0.2971



31.5138, 0.3675, 0.3373



9.0671, 0.3230, 0.3203



7.3396, 0.5427, 0.2764



0.2709, 0.4726, 0.2377

Inverse Universe

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



30.4154, 0.3482, 0.3029



49.6372, 0.3583, 0.2971



41.4772, 0.2733, 0.3205



9.0671, 0.3230, 0.3203



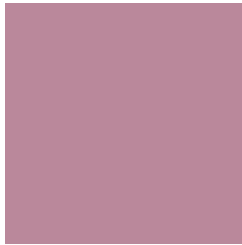
7.3396, 0.5427, 0.2764



0.2709, 0.4726, 0.2377

Previews

White Background



This preview shows how the Yxy color 30.4140, 0.3482, 0.3029 looks on a white background.

Color Contrast Check

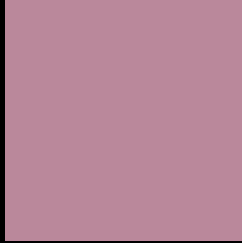
Large Text (above 18pt) WCAG AA × Fail

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 30.4140, 0.3482, 0.3029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

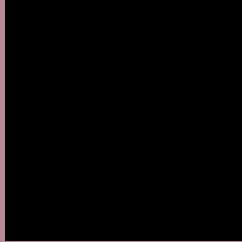
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4140, 0.3482, 0.3029

Background



This preview shows how black text looks on a background with the Yxy color 30.4140, 0.3482, 0.3029.



This preview shows how white text looks on a background with the Yxy color 30.4140, 0.3482, 0.3029.

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

30.4140, 0.3482, 0.3029

Protanopia

30.5288, 0.2998, 0.3076

Deuteranopia

30.3372, 0.3238, 0.3171



Tritanopia

30.3437, 0.3547, 0.3138

Trichromacy



Original Color

30.4140, 0.3482, 0.3029

Protanomaly

30.1660, 0.3159, 0.3053

Deuteranomaly

30.3370, 0.3318, 0.3116

Tritanomaly

30.4400, 0.3513, 0.3096

Monochromacy



Original Color

30.4140, 0.3482, 0.3029

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.1999, 0.3246, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4140, 0.3482, 0.3029 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(186, 136, 155)` looks like.

```
.text, #text, p{  
    color:rgb(186, 136, 155)  
}
```

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(186, 136, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 136, 155) }
```

Border

The CSS property to change the border of an element to Yxy 30.4140, 0.3482, 0.3029 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(186, 136, 155) }
```

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

```
.border{ border-color:rgb(186, 136, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 136, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 136, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 136, 155);  
box-shadow:4px 4px 4px 4px rgb(186, 136,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4140, 0.3482, 0.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 136, 155) }
```

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

```
.background{ background-color: rgb(186,  
136, 155) }
```

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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