

Converting Colors

$Yxy(30.4049, 0.3675, 0.3348)$

Have a look what the booklet for
Yxy(30.4049, 0.3675, 0.3348)
contains.

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Color

Yxy(30.4049, 0.3675, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	B88B87
RGB	184, 139, 135
RGB Percent	72%, 55%, 53%
CMY	0.2784, 0.4549, 0.4705
CMYK	0.00, 0.24, 0.27, 0.28
HSL	5°, 26%, 63%
HSV	5°, 27%, 72%
XYZ	33.3746, 30.4049, 27.0357
YIQ	151.9990, 28.1040, 8.2960

Conversions

Conversions Part 2

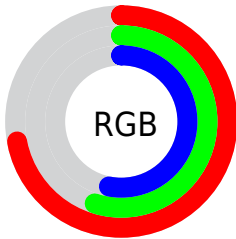
Format	Color
RYB	184, 139, 135
Decimal	12094343
CIELab	62.00, 16.53, 8.78
CIELCh	62, 18.718, 27.975
Yxy	30.4049, 0.3675, 0.3348
Android (android.graphics.Color)	4290284423 (0xFFB88B87)
YUV	151.9990, -8.3805, 28.0649
Hunter-Lab	55.1406, 11.5432, 9.5283

Details

The Yxy color **30.4049, 0.3675, 0.3348** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.2621, 0.2738, 0.3231**, and the grayscale version is **31.4279, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.4715, 0.3564, 0.3346**, and **12.5465, 0.3874, 0.3371** is the 20% darker color. If you saturate the color by 10%, you get **25.4097, 0.3971, 0.3371**, and if you desaturate by 10%, it is **36.2493, 0.3433, 0.3325**.

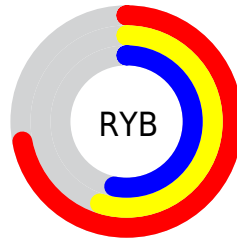
Distribution



Red (72%)

Green (55%)

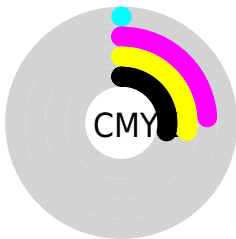
Blue (53%)



Red (72%)

Yellow (55%)

Blue (53%)

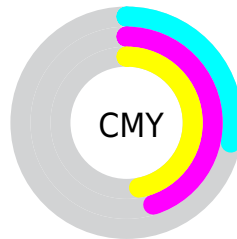


Cyan (0%)

Magenta (24%)

Yellow (27%)

Black (28%)



Cyan (28%)


Magenta (45%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4049, 0.3675, 0.3348 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 30.4049, 0.3675, 0.3348 by changing the saturation by 10% instead.


 30.4049, 0.3675,
0.3348


 30.4049, 0.3675,
0.3348


303.7872, 0.3379,
0.3322

 20.1461, 0.3757,
0.3353


 60.3019, 0.3562,
0.3340

 12.5013, 0.3867,
0.3358


 80.7089, 0.3521,
0.3336

 7.0861, 0.4024,
0.3362


 105.2675, 0.3487,
0.3333

 3.5160, 0.4262,
0.3361

134.3620, 0.3459,
0.3331

 1.4067, 0.4674,
0.3346

168.3768, 0.3434,
0.3328

 0.2216, 0.7348,
0.2652


207.6964, 0.3414,


 0.0000, 0.0000,


0.3326

0.0000


252.7051, 0.3395,
0.3324

 30.4049, 0.3675,
0.3348


 30.4049, 0.3675,
0.3348


 25.4097, 0.3971,
0.3371


 36.2493, 0.3433,
0.3325


 21.2201, 0.4325,
0.3392


 42.9754, 0.3236,
0.3303


 17.7953, 0.4736,
0.3409

 50.6190, 0.3077,
0.3283

 15.0889, 0.5185,
0.3416

 59.2129, 0.2947,
0.3265

 13.0496, 0.5631,
0.3410

 68.7882, 0.2841,
0.3249

■ 11.6195, 0.6013,
0.3388

■ 79.3745, 0.2754,
0.3234

■ 10.7294, 0.6273,
0.3354

■ 88.9310, 0.2721,
0.3289

■ 10.5321, 0.6339,
0.3349

Harmonies

Analogous

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



30.4049, 0.3469, 0.3103



30.4049, 0.3675, 0.3348



30.4049, 0.3725, 0.3592

Triad

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



30.4049, 0.3675, 0.3348



30.4049, 0.3059, 0.3721



30.4049, 0.2658, 0.2814

Complementary

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



30.4049, 0.3675, 0.3348



41.2621, 0.2738, 0.3231

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.



30.4049, 0.2562, 0.2950



30.4049, 0.3675, 0.3348



30.4049, 0.2786, 0.3480

Square

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



30.4049, 0.3675, 0.3348



30.4049, 0.3360, 0.3828



30.4049, 0.2608, 0.3191



30.4049, 0.2878, 0.2802

Rectangle

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



30.4049, 0.3675, 0.3348



30.4049, 0.3663, 0.3723



30.4049, 0.2608, 0.3191



30.4049, 0.2611, 0.2845

Sweetspot

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



30.4063, 0.3675, 0.3348



75.9558, 0.3264, 0.3307



30.8480, 0.3190, 0.2678



15.9655, 0.3291, 0.3310



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



30.4063, 0.3675, 0.3348



49.5827, 0.3843, 0.3362



38.0553, 0.3592, 0.3674



9.1266, 0.3286, 0.3309



7.3024, 0.6328, 0.3358



0.2972, 0.6063, 0.3568

Inverse Universe

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



41.2621, 0.2738, 0.3231



72.5954, 0.2661, 0.3216



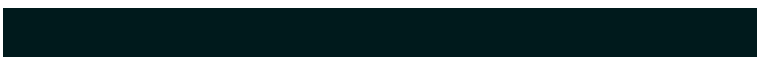
32.4714, 0.2705, 0.2872



10.0821, 0.2985, 0.3271



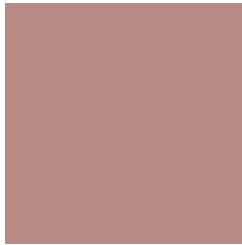
21.9957, 0.2177, 0.3037



0.8126, 0.2196, 0.3107

Previews

White Background



This preview shows how the Yxy color 30.4049, 0.3675, 0.3348 looks on a white background.

Color Contrast Check

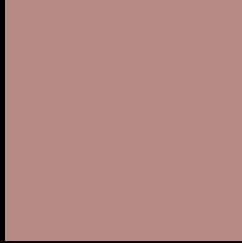
Large Text (above 18pt) WCAG AA × Fail

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 30.4049, 0.3675, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

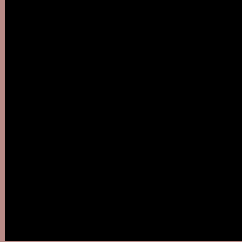
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4049, 0.3675, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 30.4049, 0.3675, 0.3348.



This preview shows how white text looks on a background with the Yxy color 30.4049, 0.3675, 0.3348.

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

30.4049, 0.3675, 0.3348

Protanopia

30.7043, 0.3265, 0.3430

Deuteranopia

30.5181, 0.3510, 0.3455



Tritanopia

30.3437, 0.3547, 0.3138

Trichromacy



Original Color

30.4049, 0.3675, 0.3348

Protanomaly

30.5288, 0.3411, 0.3396

Deuteranomaly

30.4801, 0.3572, 0.3423

Tritanomaly

30.4744, 0.3600, 0.3221

Monochromacy



Original Color

30.4049, 0.3675, 0.3348

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.8353, 0.3316, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4049, 0.3675, 0.3348 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(184, 139, 135)` looks like.

```
.text, #text, p{  
    color:rgb(184, 139, 135)  
}
```

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(184, 139, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 139, 135) }
```

Border

The CSS property to change the border of an element to Yxy 30.4049, 0.3675, 0.3348 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(184, 139, 135) }
```

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

```
.border{ border-color:rgb(184, 139, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 139, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 139, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 139, 135);  
box-shadow:4px 4px 4px 4px rgb(184, 139,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4049, 0.3675, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 139, 135) }
```

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

```
.background{ background-color: rgb(184,  
139, 135) }
```

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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