

Converting Colors

$Yxy(30.7463, 0.3409, 0.3032)$

Have a look what the booklet for
Yxy(30.7463, 0.3409, 0.3032)
contains.

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Color

Yxy(30.8446, 0.3410, 0.3039)

Conversions

Conversions Part 1

Format	Color
Hex	B68B9D
RGB	182, 139, 157
RGB Percent	71%, 55%, 62%
CMY	0.2863, 0.4549, 0.3842
CMYK	0.00, 0.24, 0.14, 0.29
HSL	335°, 23%, 63%
HSV	335°, 24%, 71%
XYZ	34.6101, 30.8446, 36.0412
YIQ	153.9090, 19.8500, 14.7140

Conversions

Conversions Part 2

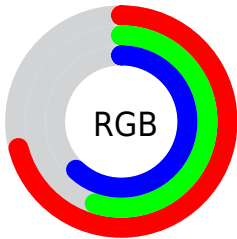
Format	Color
R_{YB}	182, 139, 157
Decimal	11963293
CIE _{Lab}	62.38, 19.22, -3.22
CIE _{LCh}	62, 19.485, 350.495
Yxy	30.8446, 0.3410, 0.3039
Android (android.graphics.Color)	4290153373 (0xFFB68B9D)
YUV	153.9090, 1.5239, 24.6358
Hunter-Lab	55.5379, 14.0462, 0.4004

Details

The Yxy color **30.8446, 0.3410, 0.3039** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.6205, 0.2911, 0.3556**, and the grayscale version is **32.2606, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0705, 0.3346, 0.3086**, and **12.7746, 0.3493, 0.2960** is the 20% darker color. If you saturate the color by 10%, you get **25.6613, 0.3573, 0.2927**, and if you desaturate by 10%, it is **36.9392, 0.3274, 0.3149**.

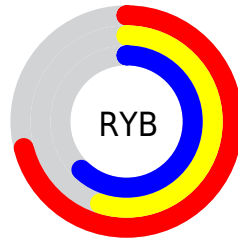
Distribution



Red (71%)

Green (55%)

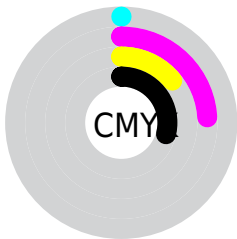
Blue (62%)



Red (71%)

Yellow (55%)

Blue (62%)

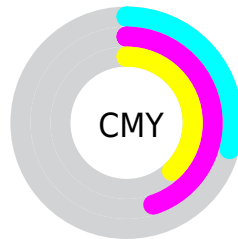


Cyan (0%)

Magenta (24%)

Yellow (14%)

Black (29%)



Cyan (29%)


Magenta (45%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.8446, 0.3410, 0.3039 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 30.8446, 0.3410, 0.3039 by changing the saturation by 10% instead.


 30.8446, 0.3410,
0.3039

 30.8446, 0.3410,
0.3039


305.8218, 0.3260,
0.3171

 20.4805, 0.3451,
0.3004


 60.9953, 0.3353,
0.3089

 12.7448, 0.3505,
0.2957


 81.5508, 0.3333,
0.3107

 7.2531, 0.3581,
0.2892


 106.2722, 0.3315,
0.3122

 3.6209, 0.3695,
0.2795

135.5439, 0.3301,
0.3135

 1.4638, 0.3885,
0.2638

169.7503, 0.3288,
0.3146

 0.2631, 0.4815,
0.1761

209.2758, 0.3278,

 0.0000, 0.0000,

0.3155

0.0000

254.5048, 0.3268,
0.3164

■ 30.8446, 0.3410,
0.3039

■ 30.8446, 0.3410,
0.3039

■ 25.6613, 0.3573,
0.2927

■ 36.9392, 0.3274,
0.3149

■ 21.3410, 0.3767,
0.2817

■ 43.9820, 0.3163,
0.3254

■ 17.8372, 0.3995,
0.2718

■ 52.0132, 0.3071,
0.3352

■ 15.0971, 0.4253,
0.2639

■ 61.0691, 0.2995,
0.3442

■ 13.0621, 0.4536,
0.2593

■ 71.1843, 0.2932,
0.3526

■ 11.6644, 0.4831,
0.2591

■ 82.3918, 0.2881,
0.3602

■ 10.8230, 0.5119,
0.2641

■ 87.2336, 0.2830,
0.3554

■ 10.4702, 0.5296,
0.2691

■ 87.8489, 0.2777,
0.3435

■ 88.5009, 0.2725,
0.3320

Harmonies

Analogous

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



30.8446, 0.3095, 0.2857



30.8446, 0.3410, 0.3039



30.8446, 0.3655, 0.3284

Triad

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



30.8446, 0.3410, 0.3039



30.8446, 0.3441, 0.3848



30.8446, 0.2541, 0.2991

Complementary

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



30.8446, 0.3410, 0.3039



41.6205, 0.2911, 0.3556

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.



30.8446, 0.2624, 0.3261



30.8446, 0.3410, 0.3039



30.8446, 0.3135, 0.3781

Square

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



30.8446, 0.3410, 0.3039



30.8446, 0.3669, 0.3752



30.8446, 0.2837, 0.3558



30.8446, 0.2604, 0.2820

Rectangle

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



30.8446, 0.3410, 0.3039



30.8446, 0.3739, 0.3458



30.8446, 0.2837, 0.3558



30.8446, 0.2552, 0.3072

Sweetspot

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



30.8460, 0.3410, 0.3039



75.0800, 0.3199, 0.3218



29.6686, 0.2966, 0.2678



16.4122, 0.3206, 0.3212



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.



30.8460, 0.3410, 0.3039



51.1657, 0.3486, 0.2985



31.1157, 0.3598, 0.3332



9.0730, 0.3224, 0.3195



7.4074, 0.5267, 0.2675



0.2735, 0.4608, 0.2312

Inverse Universe

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



30.8460, 0.3410, 0.3039



51.1657, 0.3486, 0.2985



41.1567, 0.2780, 0.3248



9.0730, 0.3224, 0.3195



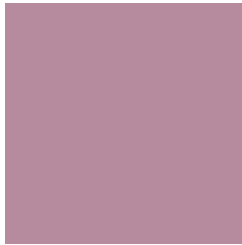
7.4074, 0.5267, 0.2675



0.2735, 0.4608, 0.2312

Previews

White Background



This preview shows how the Yxy color 30.8446, 0.3410, 0.3039 looks on a white background.

Color Contrast Check

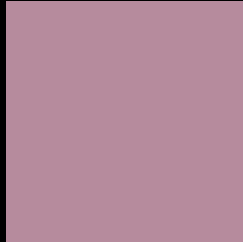
Large Text (above 18pt) WCAG AA × Fail

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 30.8446, 0.3410, 0.3039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

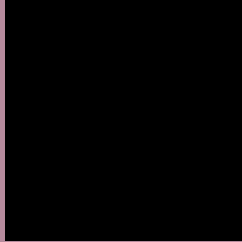
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8446, 0.3410, 0.3039

Background



This preview shows how black text looks on a background with the Yxy color 30.8446, 0.3410, 0.3039.



This preview shows how white text looks on a background with the Yxy color 30.8446, 0.3410, 0.3039.

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

30.8446, 0.3410, 0.3039

Protanopia

30.9771, 0.2998, 0.3077

Deuteranopia

30.8506, 0.3217, 0.3142



Tritanopia

30.8143, 0.3462, 0.3136

Trichromacy



Original Color

30.8446, 0.3410, 0.3039

Protanomaly

30.8124, 0.3148, 0.3068

Deuteranomaly

30.7031, 0.3295, 0.3102

Tritanomaly

30.8798, 0.3440, 0.3108

Monochromacy



Original Color

30.8446, 0.3410, 0.3039

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.7540, 0.3224, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8446, 0.3410, 0.3039 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(182, 139, 157)` looks like.

```
.text, #text, p{  
    color:rgb(182, 139, 157)  
}
```

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(182, 139, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 139, 157) }
```

Border

The CSS property to change the border of an element to Yxy 30.8446, 0.3410, 0.3039 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(182, 139, 157) }
```

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

```
.border{ border-color:rgb(182, 139, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 139, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 139, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 139, 157);  
box-shadow:4px 4px 4px 4px rgb(182, 139,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8446, 0.3410, 0.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 139, 157) }
```

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

```
.background{ background-color: rgb(182,  
139, 157) }
```

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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