

Converting Colors

$Yxy(36.5016, 0.3429, 0.3172)$

Have a look what the booklet for
Yxy(36.5016, 0.3429, 0.3172)
contains.

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Color

Yxy(36.4675, 0.3426, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	BF99A2
RGB	191, 153, 162
RGB Percent	75%, 60%, 64%
CMY	0.2509, 0.4000, 0.3648
CMYK	0.00, 0.20, 0.15, 0.25
HSL	346°, 23%, 67%
HSV	346°, 20%, 75%
XYZ	39.4001, 36.4675, 39.1356
YIQ	165.3880, 19.7590, 10.8550

Conversions

Conversions Part 2

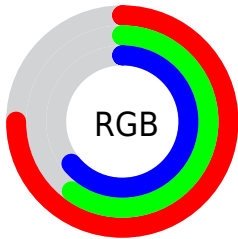
Format	Color
RYB	191, 153, 162
Decimal	12556706
CIELab	66.88, 15.59, 0.69
CIELCh	67, 15.605, 2.529
Yxy	36.4675, 0.3426, 0.3171
Android (android.graphics.Color)	4290746786 (0xFFBF99A2)
YUV	165.3880, -1.6703, 22.4617
Hunter-Lab	60.3883, 10.7819, 3.8480

Details

The Yxy color **36.4675, 0.3426, 0.3171** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.4197, 0.2895, 0.3413**, and the grayscale version is **37.8249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5919, 0.3369, 0.3187**, and **15.9469, 0.3526, 0.3144** is the 20% darker color. If you saturate the color by 10%, you get **30.2197, 0.3629, 0.3107**, and if you desaturate by 10%, it is **43.7797, 0.3260, 0.3233**.

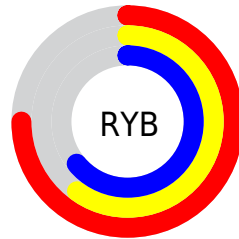
Distribution



Red (75%)

Green (60%)

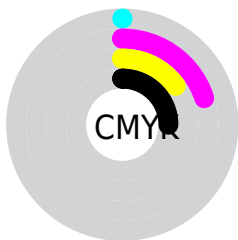
Blue (64%)



Red (75%)

Yellow (60%)

Blue (64%)

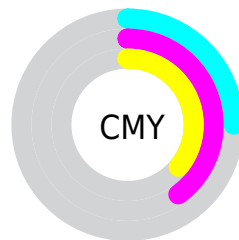


Cyan (0%)

Magenta (20%)

Yellow (15%)

Black (25%)



Cyan (25%)

Magenta (40%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4675, 0.3426, 0.3171 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 36.4675, 0.3426, 0.3171 by changing the saturation by 10% instead.


 36.4675, 0.3426,
0.3171


 36.4675, 0.3426,
0.3171


330.9993, 0.3270,
0.3233

 24.7955, 0.3467,
0.3154


 69.7530, 0.3368,
0.3194

 15.9247, 0.3521,
0.3133


 92.1353, 0.3346,
0.3203

 9.4709, 0.3596,
0.3102


118.8565, 0.3329,
0.3210

 5.0496, 0.3705,
0.3058

150.3009, 0.3313,
0.3216

 2.2764, 0.3881,
0.2985

186.8530, 0.3300,
0.3221

 0.7612, 0.4234,
0.2847

228.8972, 0.3289,

 0.0000, 1.0000,

0.3226

0.0000

276.8178, 0.3279,
0.3230

0.0000, 0.0000,
0.0000

36.4675, 0.3426,
0.3171

36.4675, 0.3426,
0.3171

30.2197, 0.3629,
0.3107

43.7797, 0.3260,
0.3233

24.9818, 0.3877,
0.3044

52.1977, 0.3126,
0.3291

20.7019, 0.4174,
0.2987

61.7667, 0.3017,
0.3344

17.3215, 0.4519,
0.2943

72.5279, 0.2928,
0.3393

14.7755, 0.4901,
0.2922

84.5204, 0.2855,
0.3438

■ 12.9902, 0.5297,
0.2935

■ 89.4702, 0.2785,
0.3347

■ 11.8788, 0.5666,
0.2986

■ 89.8184, 0.2757,
0.3289

■ 11.2740, 0.5975,
0.3066

■ 11.2688, 0.5978,
0.3067

Harmonies

Analogous

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



36.4675, 0.3202, 0.3006



36.4675, 0.3426, 0.3171



36.4675, 0.3570, 0.3370

Triad

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



36.4675, 0.3426, 0.3171



36.4675, 0.3278, 0.3704



36.4675, 0.2684, 0.3002

Complementary

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



36.4675, 0.3426, 0.3171



47.4197, 0.2895, 0.3413

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.



36.4675, 0.2703, 0.3183



36.4675, 0.3426, 0.3171



36.4675, 0.3040, 0.3602

Square

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



36.4675, 0.3426, 0.3171



36.4675, 0.3481, 0.3683



36.4675, 0.2832, 0.3406



36.4675, 0.2778, 0.2906

Rectangle

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



36.4675, 0.3426, 0.3171



36.4675, 0.3598, 0.3499



36.4675, 0.2832, 0.3406



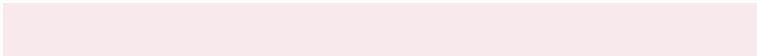
36.4675, 0.2678, 0.3054

Sweetspot

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



36.4691, 0.3426, 0.3171



83.8951, 0.3206, 0.3255



36.4308, 0.3060, 0.2789



18.2084, 0.3215, 0.3251



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



36.4691, 0.3426, 0.3171



60.0630, 0.3512, 0.3143



39.3971, 0.3492, 0.3418



9.5723, 0.3252, 0.3236



7.4150, 0.5945, 0.3049



0.3010, 0.5254, 0.2668

Inverse Universe

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



36.4691, 0.3426, 0.3171



60.0630, 0.3512, 0.3143



43.7910, 0.2825, 0.3158



9.5723, 0.3252, 0.3236



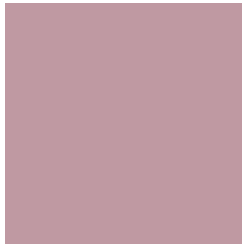
7.4150, 0.5945, 0.3049



0.3010, 0.5254, 0.2668

Previews

White Background



This preview shows how the Yxy color 36.4675, 0.3426, 0.3171 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 36.4675, 0.3426, 0.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

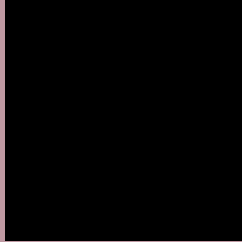
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4675, 0.3426, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 36.4675, 0.3426, 0.3171.



This preview shows how white text looks on a background with the Yxy color 36.4675, 0.3426, 0.3171.

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

36.4675, 0.3426, 0.3171

Protanopia

36.6300, 0.3112, 0.3219

Deuteranopia

36.6106, 0.3306, 0.3249



Tritanopia

36.5392, 0.3406, 0.3144

Trichromacy



Original Color

36.4675, 0.3426, 0.3171

Protanomaly

36.5116, 0.3218, 0.3206

Deuteranomaly

36.4174, 0.3349, 0.3222

Tritanomaly

36.5032, 0.3416, 0.3158

Monochromacy



Original Color

36.4675, 0.3426, 0.3171

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.1687, 0.3225, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4675, 0.3426, 0.3171 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(191, 153, 162)` looks like.

```
.text, #text, p{  
    color:rgb(191, 153, 162)  
}
```

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(191, 153, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 153, 162) }
```

Border

The CSS property to change the border of an element to Yxy 36.4675, 0.3426, 0.3171 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(191, 153, 162) }
```

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

```
.border{ border-color:rgb(191, 153, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 153, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 153, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 153, 162);  
box-shadow:4px 4px 4px 4px rgb(191, 153,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4675, 0.3426, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 153, 162) }
```

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

```
.background{ background-color: rgb(191,  
153, 162) }
```

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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