

Converting Colors

$Yxy(36.8003, 0.3426, 0.3145)$

Have a look what the booklet for
Yxy(36.8003, 0.3426, 0.3145)
contains.

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Color

Yxy(36.8003, 0.3426, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	C199A4
RGB	193, 153, 164
RGB Percent	76%, 60%, 64%
CMY	0.2431, 0.4000, 0.3568
CMYK	0.00, 0.21, 0.15, 0.24
HSL	343°, 24%, 68%
HSV	343°, 21%, 76%
XYZ	40.0883, 36.8003, 40.1234
YIQ	166.2140, 20.3090, 11.9010

Conversions

Conversions Part 2

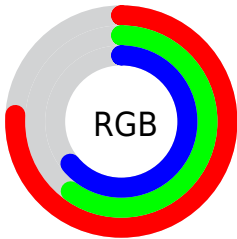
Format	Color
R _Y B	193, 153, 164
Decimal	12687780
CIE Lab	67.13, 16.66, -0.06
CIE LCh	67, 16.664, 359.778
Yxy	36.8003, 0.3426, 0.3145
Android (android.graphics.Color)	4290877860 (0xFFC199A4)
YUV	166.2140, -1.0915, 23.4913
Hunter-Lab	60.6633, 11.7982, 3.2491

Details

The Yxy color **36.8003, 0.3426, 0.3145** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.2943, 0.2896, 0.3440**, and the grayscale version is **38.2420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0641, 0.3369, 0.3167**, and **16.1616, 0.3526, 0.3110** is the 20% darker color. If you saturate the color by 10%, you get **30.5088, 0.3622, 0.3071**, and if you desaturate by 10%, it is **44.1726, 0.3266, 0.3217**.

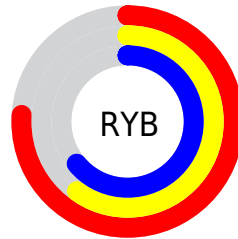
Distribution



Red (76%)

Green (60%)

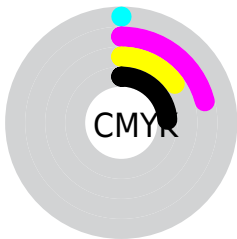
Blue (64%)



Red (76%)

Yellow (60%)

Blue (64%)

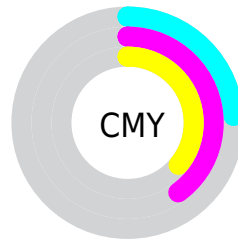


Cyan (0%)

Magenta (21%)

Yellow (15%)

Black (24%)



Cyan (24%)

Magenta (40%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.8003, 0.3426, 0.3145 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 36.8003, 0.3426, 0.3145 by changing the saturation by 10% instead.


 36.8003, 0.3426,
0.3145


 36.8003, 0.3426,
0.3145


332.4451, 0.3271,
0.3220

 25.0529, 0.3467,
0.3125


 70.2655, 0.3368,
0.3173

 16.1165, 0.3521,
0.3099


 92.7522, 0.3347,
0.3184

 9.6066, 0.3594,
0.3063


119.5874, 0.3329,
0.3192

 5.1389, 0.3702,
0.3011

151.1555, 0.3314,
0.3200

 2.3290, 0.3875,
0.2927

187.8409, 0.3301,
0.3206

 0.7890, 0.4202,
0.2768

230.0281, 0.3289,

 0.0000, 1.0000,

0.3211

0.0000

278.1013, 0.3279,
0.3216

0.0000, 0.0000,
0.0000

36.8003, 0.3426,
0.3145

36.8003, 0.3426,
0.3145

30.5088, 0.3622,
0.3071

44.1726, 0.3266,
0.3217

25.2423, 0.3860,
0.2997

52.6682, 0.3136,
0.3285

20.9475, 0.4143,
0.2930

62.3334, 0.3030,
0.3348

17.5642, 0.4471,
0.2879

73.2103, 0.2943,
0.3406

15.0255, 0.4835,
0.2853

85.3391, 0.2872,
0.3459

■ 13.2552, 0.5212,
0.2865

■ 89.6313, 0.2803,
0.3364

■ 12.1632, 0.5568,
0.2919

■ 90.0791, 0.2768,
0.3289

■ 11.5979, 0.5854,
0.2999

Harmonies

Analogous

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



36.8003, 0.3183, 0.2975



36.8003, 0.3426, 0.3145



36.8003, 0.3590, 0.3354

Triad

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



36.8003, 0.3426, 0.3145



36.8003, 0.3310, 0.3735



36.8003, 0.2653, 0.2997

Complementary

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



36.8003, 0.3426, 0.3145



48.2943, 0.2896, 0.3440

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.



36.8003, 0.2685, 0.3196



36.8003, 0.3426, 0.3145



36.8003, 0.3057, 0.3638

Square

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



36.8003, 0.3426, 0.3145



36.8003, 0.3519, 0.3700



36.8003, 0.2830, 0.3435



36.8003, 0.2742, 0.2886

Rectangle

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



36.8003, 0.3426, 0.3145



36.8003, 0.3629, 0.3493



36.8003, 0.2830, 0.3435



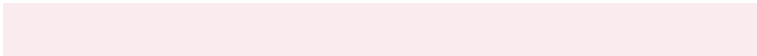
36.8003, 0.2650, 0.3056

Sweetspot

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



36.8020, 0.3426, 0.3145



85.9026, 0.3202, 0.3249



36.5380, 0.3044, 0.2765



18.2166, 0.3211, 0.3245



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.



36.8020, 0.3426, 0.3145



60.4173, 0.3512, 0.3110



39.3625, 0.3514, 0.3406



10.1225, 0.3247, 0.3227



7.7247, 0.5821, 0.2980



0.3458, 0.5163, 0.2618

Inverse Universe

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



36.8020, 0.3426, 0.3145



60.4173, 0.3512, 0.3110



45.0463, 0.2814, 0.3171



10.1225, 0.3247, 0.3227



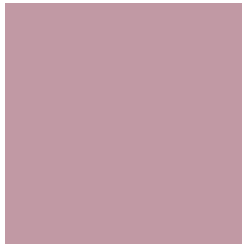
7.7247, 0.5821, 0.2980



0.3458, 0.5163, 0.2618

Previews

White Background



This preview shows how the Yxy color 36.8003, 0.3426, 0.3145 looks on a white background.

Color Contrast Check

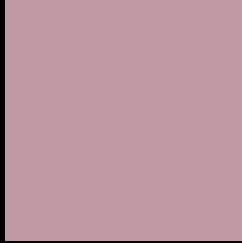
Large Text (above 18pt) WCAG AA × Fail

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 36.8003, 0.3426, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

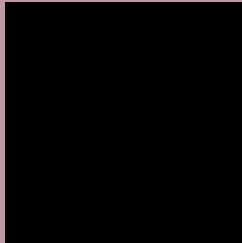
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8003, 0.3426, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 36.8003, 0.3426, 0.3145.



This preview shows how white text looks on a background with the Yxy color 36.8003, 0.3426, 0.3145.

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

36.8003, 0.3426, 0.3145

Protanopia

37.0960, 0.3085, 0.3191

Deuteranopia

36.6818, 0.3287, 0.3221



Tritanopia

36.8365, 0.3416, 0.3132

Trichromacy



Original Color

36.8003, 0.3426, 0.3145

Protanomaly

36.7374, 0.3200, 0.3165

Deuteranomaly

36.6116, 0.3340, 0.3195

Tritanomaly

36.8365, 0.3416, 0.3132

Monochromacy



Original Color

36.8003, 0.3426, 0.3145

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.4365, 0.3235, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8003, 0.3426, 0.3145 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(193, 153, 164)` looks like.

```
.text, #text, p{  
    color:rgb(193, 153, 164)  
}
```

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(193, 153, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 153, 164) }
```

Border

The CSS property to change the border of an element to Yxy 36.8003, 0.3426, 0.3145 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(193, 153, 164) }
```

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

```
.border{ border-color:rgb(193, 153, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 153, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 153, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 153, 164);  
box-shadow:4px 4px 4px 4px rgb(193, 153,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8003, 0.3426, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 153, 164) }
```

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

```
.background{ background-color: rgb(193,  
153, 164) }
```

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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