

Converting Colors

$Yxy(35.9334, 0.3324, 0.2973)$

Have a look what the booklet for
Yxy(35.9334, 0.3324, 0.2973)
contains.

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Color

Yxy(36.0752, 0.3323, 0.2975)

Conversions

Conversions Part 1

Format	Color
Hex	C096AE
RGB	192, 150, 174
RGB Percent	75%, 59%, 68%
CMY	0.2469, 0.4118, 0.3176
CMYK	0.00, 0.22, 0.09, 0.25
HSL	326°, 25%, 67%
HSV	326°, 22%, 75%
XYZ	40.2951, 36.0752, 44.8909
YIQ	165.2940, 17.3280, 16.3680

Conversions

Conversions Part 2

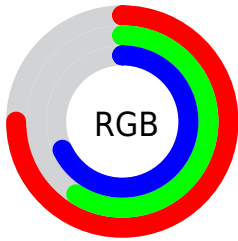
Format	Color
RYB	192, 150, 174
Decimal	12621486
CIELab	66.58, 19.68, -6.48
CIELCh	67, 20.716, 341.772
Yxy	36.0752, 0.3323, 0.2975
Android (android.graphics.Color)	4290811566 (0xFFC096AE)
YUV	165.2940, 4.2921, 23.4212
Hunter-Lab	60.0626, 14.6433, -2.2696

Details

The Yxy color $36.0752, 0.3323, 0.2975$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $47.0319, 0.2970, 0.3628$, and the grayscale version is $37.7507, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.9826, 0.3291, 0.3035$, and $15.7321, 0.3376, 0.2878$ is the 20% darker color. If you saturate the color by 10%, you get $30.1311, 0.3440, 0.2824$, and if you desaturate by 10%, it is $43.0466, 0.3224, 0.3123$.

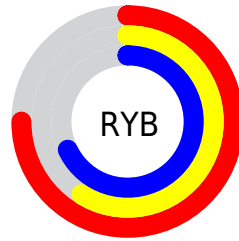
Distribution



Red (75%)

Green (59%)

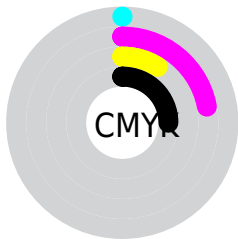
Blue (68%)



Red (75%)

Yellow (59%)

Blue (68%)

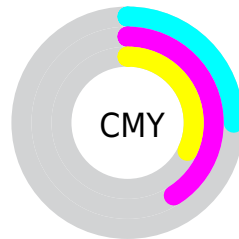


Cyan (0%)

Magenta (22%)

Yellow (9%)

Black (25%)



Cyan (25%)


Magenta (41%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0752, 0.3323, 0.2975 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 36.0752, 0.3323, 0.2975 by changing the saturation by 10% instead.


 36.0752, 0.3323,
0.2975


 36.0752, 0.3323,
0.2975


329.2891, 0.3223,
0.3135

 24.4923, 0.3349,
0.2934


 69.1481, 0.3286,
0.3034

 15.6992, 0.3382,
0.2881


 91.4069, 0.3272,
0.3056

 9.3115, 0.3428,
0.2809


117.9931, 0.3261,
0.3074

 4.9449, 0.3493,
0.2707

149.2911, 0.3251,
0.3090

 2.2150, 0.3594,
0.2551

185.6853, 0.3243,
0.3104

 0.7282, 0.3781,
0.2261

227.5601, 0.3235,

 0.0000, 0.7481,

0.3116

0.0000

275.2999, 0.3229,
0.3126

0.0000, 0.0000,
0.0000

36.0752, 0.3323,
0.2975

36.0752, 0.3323,
0.2975

30.1311, 0.3440,
0.2824

43.0466, 0.3224,
0.3123

25.1604, 0.3577,
0.2676

51.0864, 0.3141,
0.3264

21.1111, 0.3734,
0.2538

60.2394, 0.3072,
0.3397

17.9250, 0.3911,
0.2421

70.5461, 0.3015,
0.3520

15.5366, 0.4103,
0.2336

82.0453, 0.2968,
0.3634

■ 13.8714, 0.4303,
0.2294

■ 88.0834, 0.2925,
0.3635

■ 12.8402, 0.4504,
0.2304

■ 88.5396, 0.2882,
0.3542

■ 12.3327, 0.4664,
0.2343

■ 89.0176, 0.2839,
0.3451

■ 89.5179, 0.2797,
0.3362

Harmonies

Analogous

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



36.0752, 0.3002, 0.2818



36.0752, 0.3323, 0.2975



36.0752, 0.3601, 0.3208

Triad

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



36.0752, 0.3323, 0.2975



36.0752, 0.3522, 0.3841



36.0752, 0.2545, 0.3059

Complementary

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



36.0752, 0.3323, 0.2975



47.0319, 0.2970, 0.3628

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.



36.0752, 0.2670, 0.3349



36.0752, 0.3323, 0.2975



36.0752, 0.3227, 0.3823

Square

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



36.0752, 0.3323, 0.2975



36.0752, 0.3716, 0.3703



36.0752, 0.2916, 0.3639



36.0752, 0.2566, 0.2853

Rectangle

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



36.0752, 0.3323, 0.2975



36.0752, 0.3717, 0.3383



36.0752, 0.2916, 0.3639



36.0752, 0.2571, 0.3150

Sweetspot

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



36.0768, 0.3323, 0.2975



84.6830, 0.3183, 0.3191



33.8864, 0.2920, 0.2714



17.9794, 0.3188, 0.3183



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.



36.0768, 0.3323, 0.2975



60.2487, 0.3373, 0.2907



35.3363, 0.3530, 0.3244



10.1722, 0.3202, 0.3159



8.3095, 0.4640, 0.2330



0.3726, 0.4238, 0.2108

Inverse Universe

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



36.0768, 0.3323, 0.2975



60.2487, 0.3373, 0.2907



47.8585, 0.2829, 0.3337



10.1722, 0.3202, 0.3159



8.3095, 0.4640, 0.2330



0.3726, 0.4238, 0.2108

Previews

White Background



This preview shows how the Yxy color 36.0752, 0.3323, 0.2975 looks on a white background.

Color Contrast Check

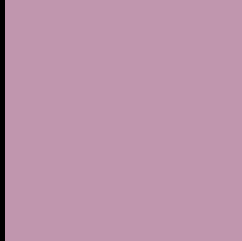
Large Text (above 18pt) WCAG AA × Fail

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 36.0752, 0.3323, 0.2975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

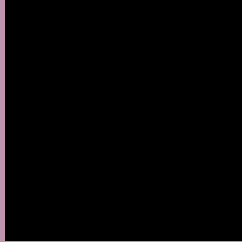
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0752, 0.3323, 0.2975

Background



This preview shows how black text looks on a background with the Yxy color 36.0752, 0.3323, 0.2975.



This preview shows how white text looks on a background with the Yxy color 36.0752, 0.3323, 0.2975.

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

36.0752, 0.3323, 0.2975

Protanopia

36.2995, 0.2947, 0.3007

Deuteranopia

36.0153, 0.3138, 0.3068



Tritanopia

36.2132, 0.3408, 0.3131

Trichromacy



Original Color

36.0752, 0.3323, 0.2975

Protanomaly

36.0990, 0.3084, 0.3000

Deuteranomaly

35.8316, 0.3208, 0.3031

Tritanomaly

36.0367, 0.3370, 0.3065

Monochromacy



Original Color

36.0752, 0.3323, 0.2975

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.0827, 0.3199, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0752, 0.3323, 0.2975 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(192, 150, 174)` looks like.

```
.text, #text, p{  
    color:rgb(192, 150, 174)  
}
```

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(192, 150, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 150, 174) }
```

Border

The CSS property to change the border of an element to Yxy 36.0752, 0.3323, 0.2975 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(192, 150, 174) }
```

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

```
.border{ border-color:rgb(192, 150, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 150, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 150, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 150, 174);  
box-shadow:4px 4px 4px 4px rgb(192, 150,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0752, 0.3323, 0.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 150, 174) }
```

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

```
.background{ background-color: rgb(192,  
150, 174) }
```

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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