

Converting Colors

$Yxy(36.6633, 0.3301, 0.2904)$

Have a look what the booklet for
Yxy(36.6633, 0.3301, 0.2904)
contains.

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Color

Yxy(36.7101, 0.3294, 0.2904)

Conversions

Conversions Part 1

Format	Color
Hex	C396B4
RGB	195, 150, 180
RGB Percent	76%, 59%, 71%
CMY	0.2355, 0.4117, 0.2942
CMYK	0.00, 0.23, 0.08, 0.24
HSL	320°, 27%, 68%
HSV	320°, 23%, 76%
XYZ	41.6402, 36.7101, 48.0619
YIQ	166.8750, 17.1900, 18.8700

Conversions

Conversions Part 2

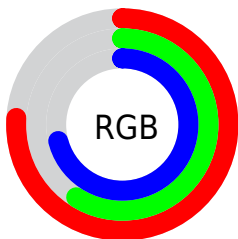
Format	Color
R _Y B	195, 150, 180
Decimal	12818100
CIE Lab	67.06, 21.73, -9.08
CIE LCh	67, 23.553, 337.337
Yxy	36.7101, 0.3294, 0.2904
Android (android.graphics.Color)	4291008180 (0xFFC396B4)
YUV	166.8750, 6.4706, 24.6656
Hunter-Lab	60.5889, 16.6450, -4.6194

Details

The Yxy color **36.7101, 0.3294, 0.2904** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.2134, 0.2992, 0.3710**, and the grayscale version is **38.5406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.9373, 0.3263, 0.2968**, and **16.1187, 0.3348, 0.2800** is the 20% darker color. If you saturate the color by 10%, you get **30.7389, 0.3388, 0.2730**, and if you desaturate by 10%, it is **43.7321, 0.3214, 0.3076**.

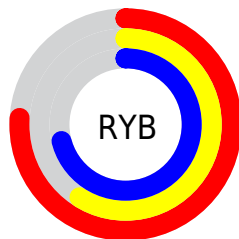
Distribution



Red (76%)

Green (59%)

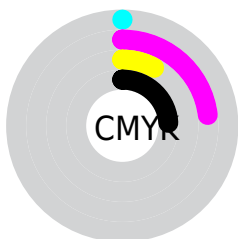
Blue (71%)



Red (76%)

Yellow (59%)

Blue (71%)

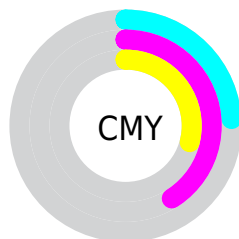


Cyan (0%)

Magenta (23%)

Yellow (8%)

Black (24%)



Cyan (24%)


Magenta (41%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7101, 0.3294, 0.2904 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 36.7101, 0.3294, 0.2904 by changing the saturation by 10% instead.


 36.7101, 0.3294,
0.2904


 36.7101, 0.3294,
0.2904


332.0537, 0.3210,
0.3099

 24.9831, 0.3315,
0.2855


 70.1267, 0.3263,
0.2975

 16.0645, 0.3342,
0.2792


 92.5851, 0.3252,
0.3002

 9.5698, 0.3378,
0.2707


119.3894, 0.3242,
0.3024

 5.1147, 0.3429,
0.2588

150.9240, 0.3234,
0.3043

 2.3147, 0.3505,
0.2409

187.5734, 0.3227,
0.3060

 0.7815, 0.3635,
0.2102

229.7219, 0.3221,

 0.0000, 0.4413,

0.3074

0.0000

277.7538, 0.3215,
0.3087

0.0000, 0.0000,
0.0000

36.7101, 0.3294,
0.2904

36.7101, 0.3294,
0.2904

30.7389, 0.3388,
0.2730

43.7321, 0.3214,
0.3076

25.7623, 0.3495,
0.2561

51.8479, 0.3146,
0.3241

21.7263, 0.3616,
0.2405

61.1038, 0.3088,
0.3398

18.5696, 0.3749,
0.2271

71.5422, 0.3040,
0.3544

16.2237, 0.3890,
0.2172

83.2032, 0.3001,
0.3679

■ 14.6101, 0.4035,
0.2117

■ 88.2287, 0.2965,
0.3683

■ 13.6339, 0.4179,
0.2112

■ 88.5775, 0.2931,
0.3610

■ 13.2077, 0.4278,
0.2130

■ 88.9399, 0.2896,
0.3538

■ 89.3159, 0.2862,
0.3466

Harmonies

Analogous

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



36.7101, 0.2934, 0.2745



36.7101, 0.3294, 0.2904



36.7101, 0.3624, 0.3154

Triad

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



36.7101, 0.3294, 0.2904



36.7101, 0.3613, 0.3899



36.7101, 0.2484, 0.3070

Complementary

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



36.7101, 0.3294, 0.2904



48.2134, 0.2992, 0.3710

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.



36.7101, 0.2645, 0.3407



36.7101, 0.3294, 0.2904



36.7101, 0.3291, 0.3912

Square

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



36.7101, 0.3294, 0.2904



36.7101, 0.3810, 0.3719



36.7101, 0.2936, 0.3728



36.7101, 0.2483, 0.2822

Rectangle

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



36.7101, 0.3294, 0.2904



36.7101, 0.3773, 0.3347



36.7101, 0.2936, 0.3728



36.7101, 0.2520, 0.3177

Sweetspot

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



36.7117, 0.3294, 0.2904



86.7578, 0.3172, 0.3175



33.6785, 0.2867, 0.2673



18.8009, 0.3176, 0.3165



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



36.7117, 0.3294, 0.2904



59.7902, 0.3343, 0.2810



35.8948, 0.3510, 0.3182



10.1886, 0.3187, 0.3138



8.6048, 0.4260, 0.2120



0.3841, 0.3970, 0.1960

Inverse Universe

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



36.7117, 0.3294, 0.2904



59.7902, 0.3343, 0.2810



49.0727, 0.2844, 0.3402



10.1886, 0.3187, 0.3138



8.6048, 0.4260, 0.2120



0.3841, 0.3970, 0.1960

Previews

White Background



This preview shows how the Yxy color 36.7101, 0.3294, 0.2904 looks on a white background.

Color Contrast Check

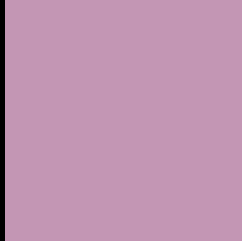
Large Text (above 18pt) WCAG AA × Fail

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 36.7101, 0.3294, 0.2904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

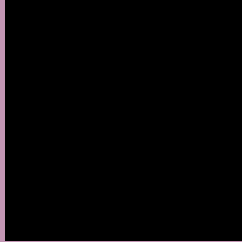
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7101, 0.3294, 0.2904

Background



This preview shows how black text looks on a background with the Yxy color 36.7101, 0.3294, 0.2904.



This preview shows how white text looks on a background with the Yxy color 36.7101, 0.3294, 0.2904.

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

36.7101, 0.3294, 0.2904

Protanopia

36.8424, 0.2883, 0.2926

Deuteranopia

36.8949, 0.3092, 0.3029



Tritanopia

36.8365, 0.3416, 0.3132

Trichromacy



Original Color

36.7101, 0.3294, 0.2904

Protanomaly

36.7272, 0.3023, 0.2922

Deuteranomaly

36.8554, 0.3161, 0.2981

Tritanomaly

36.8281, 0.3379, 0.3055

Monochromacy



Original Color

36.7101, 0.3294, 0.2904

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.8154, 0.3182, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7101, 0.3294, 0.2904 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(195, 150, 180)` looks like.

```
.text, #text, p{  
    color:rgb(195, 150, 180)  
}
```

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(195, 150, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 150, 180) }
```

Border

The CSS property to change the border of an element to Yxy 36.7101, 0.3294, 0.2904 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(195, 150, 180) }
```

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

```
.border{ border-color:rgb(195, 150, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 150, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 150, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 150, 180);  
box-shadow:4px 4px 4px 4px rgb(195, 150,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7101, 0.3294, 0.2904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 150, 180) }
```

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

```
.background{ background-color: rgb(195,  
150, 180) }
```

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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