

Converting Colors

$Yxy(36.6884, 0.3278, 0.2821)$

Have a look what the booklet for
Yxy(36.6884, 0.3278, 0.2821)
contains.

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Color

Yxy(36.6884, 0.3278, 0.2821)

Conversions

Conversions Part 1

Format	Color
Hex	C694B9
RGB	198, 148, 185
RGB Percent	78%, 58%, 73%
CMY	0.2236, 0.4196, 0.2745
CMYK	0.00, 0.25, 0.07, 0.22
HSL	316°, 30%, 68%
HSV	316°, 25%, 78%
XYZ	42.6319, 36.6884, 50.7343
YIQ	167.1680, 17.9230, 22.1070

Conversions

Conversions Part 2

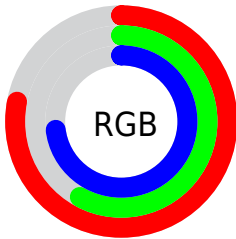
Format	Color
R _Y B	198, 148, 185
Decimal	13014201
CIE Lab	67.04, 24.80, -11.88
CIE LCh	67, 27.493, 334.410
Yxy	36.6884, 0.3278, 0.2821
Android (android.graphics.Color)	4291204281 (0xFFC694B9)
YUV	167.1680, 8.7912, 27.0397
Hunter-Lab	60.5710, 19.6352, -7.2617

Details

The Yxy color **36.6884, 0.3278, 0.2821** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.2498, 0.3005, 0.3810**, and the grayscale version is **38.6800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8519, 0.3251, 0.2902**, and **16.1446, 0.3325, 0.2692** is the 20% darker color. If you saturate the color by 10%, you get **30.7873, 0.3355, 0.2631**, and if you desaturate by 10%, it is **43.6629, 0.3211, 0.3011**.

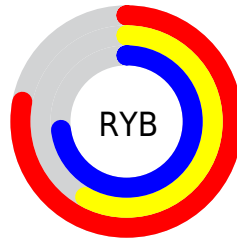
Distribution



Red (78%)

Green (58%)

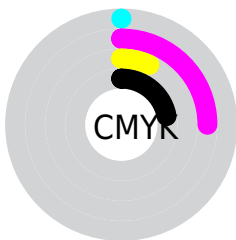
Blue (73%)



Red (78%)

Yellow (58%)

Blue (73%)

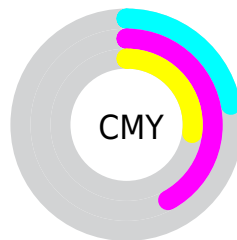


Cyan (0%)

Magenta (25%)

Yellow (7%)

Black (22%)



Cyan (22%)


Magenta (42%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6884, 0.3278, 0.2821 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 36.6884, 0.3278, 0.2821 by changing the saturation by 10% instead.


 36.6884, 0.3278,
0.2821


 36.6884, 0.3278,
0.2821


331.9595, 0.3204,
0.3056

 24.9663, 0.3296,
0.2762

 70.0933, 0.3251,
0.2906

 16.0520, 0.3319,
0.2687


 92.5449, 0.3241,
0.2938

 9.5609, 0.3349,
0.2587


119.3418, 0.3233,
0.2965

 5.1088, 0.3390,
0.2448

150.8684, 0.3225,
0.2989

 2.3113, 0.3449,
0.2242

187.5090, 0.3219,
0.3009

 0.7797, 0.3543,
0.1900

229.6482, 0.3213,

 0.0000, 0.3830,

0.3026

0.0000

277.6702, 0.3208,
0.3042

0.0000, 0.0000,
0.0000

36.6884, 0.3278,
0.2821

36.6884, 0.3278,
0.2821

30.7873, 0.3355,
0.2631

43.6629, 0.3211,
0.3011

25.9005, 0.3441,
0.2448

51.7562, 0.3154,
0.3196

21.9709, 0.3536,
0.2282

61.0169, 0.3105,
0.3373

18.9334, 0.3637,
0.2143

71.4895, 0.3064,
0.3538

16.7150, 0.3743,
0.2040

83.2160, 0.3029,
0.3692

■ 15.2310, 0.3850,
0.1983

■ 88.4738, 0.3000,
0.3716

■ 14.3779, 0.3953,
0.1973

■ 88.7437, 0.2972,
0.3658

■ 14.0959, 0.4002,
0.1978

■ 89.0221, 0.2944,
0.3601

■ 89.3089, 0.2917,
0.3544

Harmonies

Analogous

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



36.6884, 0.2862, 0.2651



36.6884, 0.3278, 0.2821



36.6884, 0.3675, 0.3099

Triad

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



36.6884, 0.3278, 0.2821



36.6884, 0.3721, 0.3985



36.6884, 0.2393, 0.3064

Complementary

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



36.6884, 0.3278, 0.2821



49.2498, 0.3005, 0.3810

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.



36.6884, 0.2593, 0.3465



36.6884, 0.3278, 0.2821



36.6884, 0.3353, 0.4031

Square

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



36.6884, 0.3278, 0.2821



36.6884, 0.3935, 0.3754



36.6884, 0.2940, 0.3837



36.6884, 0.2375, 0.2765

Rectangle

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



36.6884, 0.3278, 0.2821



36.6884, 0.3863, 0.3318



36.6884, 0.2940, 0.3837



36.6884, 0.2440, 0.3191

Sweetspot

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



36.6900, 0.3278, 0.2821



87.3313, 0.3169, 0.3144



32.7860, 0.2807, 0.2601



18.2150, 0.3178, 0.3116



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.



36.6900, 0.3278, 0.2821



59.3058, 0.3317, 0.2722



35.7429, 0.3524, 0.3128



10.7677, 0.3177, 0.3121



9.1834, 0.3989, 0.1971



0.4462, 0.3792, 0.1863

Inverse Universe

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



36.6900, 0.3278, 0.2821



59.3058, 0.3317, 0.2722



50.2004, 0.2840, 0.3460



10.7677, 0.3177, 0.3121



9.1834, 0.3989, 0.1971



0.4462, 0.3792, 0.1863

Previews

White Background



This preview shows how the Yxy color 36.6884, 0.3278, 0.2821 looks on a white background.

Color Contrast Check

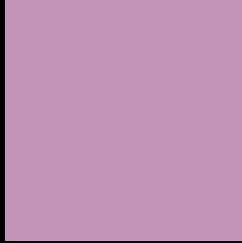
Large Text (above 18pt) WCAG AA × Fail

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 36.6884, 0.3278, 0.2821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

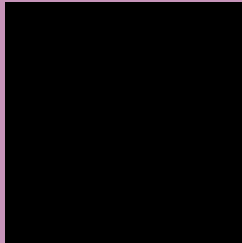
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6884, 0.3278, 0.2821

Background



This preview shows how black text looks on a background with the Yxy color 36.6884, 0.3278, 0.2821.



This preview shows how white text looks on a background with the Yxy color 36.6884, 0.3278, 0.2821.

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

36.6884, 0.3278, 0.2821

Protanopia

36.9038, 0.2819, 0.2845

Deuteranopia

36.7612, 0.3021, 0.2960



Tritanopia

36.7389, 0.3448, 0.3133

Trichromacy



Original Color

36.6884, 0.3278, 0.2821

Protanomaly

36.6462, 0.2972, 0.2831

Deuteranomaly

36.6067, 0.3107, 0.2902

Tritanomaly

36.8475, 0.3381, 0.3018

Monochromacy



Original Color

36.6884, 0.3278, 0.2821

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.6626, 0.3174, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6884, 0.3278, 0.2821 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(198, 148, 185)` looks like.

```
.text, #text, p{  
    color:rgb(198, 148, 185)  
}
```

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(198, 148, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 148, 185) }
```

Border

The CSS property to change the border of an element to Yxy 36.6884, 0.3278, 0.2821 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(198, 148, 185) }
```

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

```
.border{ border-color:rgb(198, 148, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 148, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 148, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 148, 185);  
box-shadow:4px 4px 4px 4px rgb(198, 148,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6884, 0.3278, 0.2821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 148, 185) }
```

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

```
.background{ background-color: rgb(198,  
148, 185) }
```

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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