

Converting Colors

$Yxy(37.6115, 0.3323, 0.2909)$

Have a look what the booklet for
Yxy(37.6115, 0.3323, 0.2909)
contains.

Yxy(37.6115, 0.3323, 0.2909)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.6115, 0.3323, 0.2909)

Conversions

Conversions Part 1

Format	Color
Hex	C797B5
RGB	199, 151, 181
RGB Percent	78%, 59%, 71%
CMY	0.2195, 0.4079, 0.2901
CMYK	0.00, 0.24, 0.09, 0.22
HSL	322°, 30%, 69%
HSV	322°, 24%, 78%
XYZ	42.9643, 37.6115, 48.7178
YIQ	168.7720, 18.9780, 19.5060

Conversions

Conversions Part 2

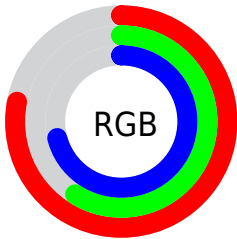
Format	Color
R_{YB}	199, 151, 181
Decimal	13080501
CIE _{Lab}	67.73, 22.81, -8.60
CIE _{LCh}	68, 24.379, 339.338
Yxy	37.6115, 0.3323, 0.2909
Android (android.graphics.Color)	4291270581 (0xFFC797B5)
YUV	168.7720, 6.0284, 26.5100
Hunter-Lab	61.3282, 17.7260, -4.1690

Details

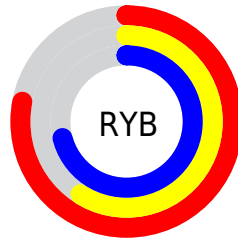
The Yxy color **37.6115, 0.3323, 0.2909** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.2978, 0.2972, 0.3705**, and the grayscale version is **39.5218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.5170, 0.3276, 0.2981**, and **16.6926, 0.3389, 0.2810** is the 20% darker color. If you saturate the color by 10%, you get **31.4410, 0.3430, 0.2745**, and if you desaturate by 10%, it is **44.8830, 0.3232, 0.3071**.

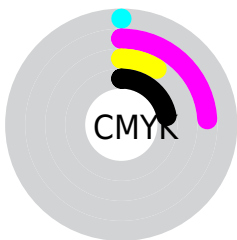
Distribution



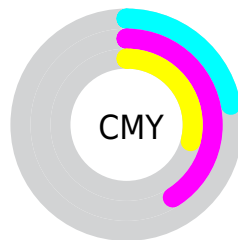
- Red (78%)
- Green (59%)
- Blue (71%)



- Red (78%)
- Yellow (59%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (9%)
- Black (22%)





- Cyan (22%)
- Magenta (41%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.6115, 0.3323, 0.2909 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 37.6115, 0.3323, 0.2909 by changing the saturation by 10% instead.


 37.6115, 0.3323,
0.2909


 37.6115, 0.3323,
0.2909


335.9505, 0.3224,
0.3100

 25.6813, 0.3348,
0.2861


 71.5123, 0.3287,
0.2979

 16.5854, 0.3380,
0.2799


 94.2516, 0.3274,
0.3005

 9.9393, 0.3423,
0.2717


121.3629, 0.3262,
0.3027

 5.3587, 0.3483,
0.2601

153.2303, 0.3252,
0.3046

 2.4592, 0.3573,
0.2428

190.2384, 0.3244,
0.3062

 0.8561, 0.3724,
0.2141

232.7715, 0.3237,

 0.0000, 0.4924,

0.3077

0.0000

281.2141, 0.3230,
0.3089

0.0000, 0.0000,
0.0000

37.6115, 0.3323,
0.2909

37.6115, 0.3323,
0.2909

31.4410, 0.3430,
0.2745

44.8830, 0.3232,
0.3071

26.3119, 0.3553,
0.2586

53.3013, 0.3155,
0.3228

22.1668, 0.3692,
0.2440

62.9154, 0.3091,
0.3376

18.9404, 0.3846,
0.2318

73.7703, 0.3037,
0.3514

16.5595, 0.4011,
0.2231

85.9083, 0.2992,
0.3641

■ 14.9398, 0.4181,
0.2190

■ 89.1433, 0.2952,
0.3605

■ 13.9789, 0.4348,
0.2200

■ 89.5614, 0.2913,
0.3522

■ 13.6098, 0.4446,
0.2223

■ 89.9975, 0.2873,
0.3441

■ 90.4519, 0.2835,
0.3361

Harmonies

Analogous

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



37.6115, 0.2952, 0.2739



37.6115, 0.3323, 0.2909



37.6115, 0.3656, 0.3169

Triad

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



37.6115, 0.3323, 0.2909



37.6115, 0.3606, 0.3922



37.6115, 0.2462, 0.3043

Complementary

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



37.6115, 0.3323, 0.2909



50.2978, 0.2972, 0.3705

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.



37.6115, 0.2616, 0.3386



37.6115, 0.3323, 0.2909



37.6115, 0.3270, 0.3923

Square

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



37.6115, 0.3323, 0.2909



37.6115, 0.3820, 0.3745



37.6115, 0.2908, 0.3722



37.6115, 0.2473, 0.2797

Rectangle

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



37.6115, 0.3323, 0.2909



37.6115, 0.3801, 0.3368



37.6115, 0.2908, 0.3722



37.6115, 0.2496, 0.3150

Sweetspot

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



37.6132, 0.3323, 0.2909



88.7117, 0.3177, 0.3182



34.6477, 0.2873, 0.2644



18.7902, 0.3181, 0.3173



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.



37.6132, 0.3323, 0.2909



59.8893, 0.3377, 0.2822



36.7244, 0.3559, 0.3208



10.7466, 0.3194, 0.3147



8.7673, 0.4424, 0.2211



0.4288, 0.4107, 0.2036

Inverse Universe

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



37.6132, 0.3323, 0.2909



59.8893, 0.3377, 0.2822



51.2663, 0.2816, 0.3375



10.7466, 0.3194, 0.3147



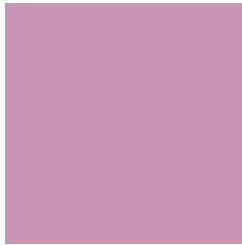
8.7673, 0.4424, 0.2211



0.4288, 0.4107, 0.2036

Previews

White Background



This preview shows how the Yxy color 37.6115, 0.3323, 0.2909 looks on a white background.

Color Contrast Check

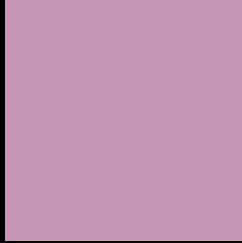
Large Text (above 18pt) WCAG AA × Fail

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 37.6115, 0.3323, 0.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

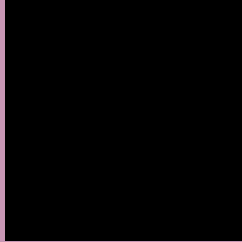
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.6115, 0.3323, 0.2909

Background



This preview shows how black text looks on a background with the Yxy color 37.6115, 0.3323, 0.2909.



This preview shows how white text looks on a background with the Yxy color 37.6115, 0.3323, 0.2909.

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

37.6115, 0.3323, 0.2909

Protanopia

37.8021, 0.2893, 0.2943

Deuteranopia

37.8584, 0.3101, 0.3045



Tritanopia

37.7347, 0.3445, 0.3135

Trichromacy



Original Color

37.6115, 0.3323, 0.2909

Protanomaly

37.4554, 0.3042, 0.2926

Deuteranomaly

37.5996, 0.3180, 0.2984

Tritanomaly

37.7285, 0.3407, 0.3059

Monochromacy



Original Color

37.6115, 0.3323, 0.2909

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.5611, 0.3200, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6115, 0.3323, 0.2909 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(199, 151, 181)` looks like.

```
.text, #text, p{  
    color:rgb(199, 151, 181)  
}
```

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(199, 151, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 151, 181) }
```

Border

The CSS property to change the border of an element to Yxy 37.6115, 0.3323, 0.2909 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(199, 151, 181) }
```

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

```
.border{ border-color:rgb(199, 151, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 151, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 151, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 151, 181);  
box-shadow:4px 4px 4px 4px rgb(199, 151,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6115, 0.3323, 0.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 151, 181) }
```

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

```
.background{ background-color: rgb(199,  
151, 181) }
```

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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