

Converting Colors

$Y_{xy}(37.8942, 0.3481, 0.3011)$

Have a look what the booklet for
Yxy(37.8942, 0.3481, 0.3011)
contains.

Yxy(37.9131, 0.3483, 0.3015)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(37.9131, 0.3483, 0.3015)

Conversions

Conversions Part 1

Format	Color
Hex	CE96AC
RGB	206, 150, 172
RGB Percent	81%, 59%, 67%
CMY	0.1923, 0.4117, 0.3255
CMYK	0.00, 0.27, 0.16, 0.19
HSL	336°, 36%, 70%
HSV	336°, 27%, 81%
XYZ	43.7981, 37.9131, 44.0370
YIQ	169.2520, 26.3140, 18.7140

Conversions

Conversions Part 2

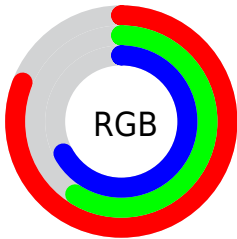
Format	Color
R _Y B	206, 150, 172
Decimal	13538988
CIE Lab	67.96, 24.32, -3.15
CIE LCh	68, 24.519, 352.613
Yxy	37.9131, 0.3483, 0.3015
Android (android.graphics.Color)	4291729068 (0xFFCE96AC)
YUV	169.2520, 1.3548, 32.2280
Hunter-Lab	61.5736, 19.2156, 0.6977

Details

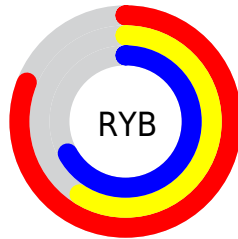
The Yxy color **37.9131, 0.3483, 0.3015** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.0709, 0.2870, 0.3584**, and the grayscale version is **39.7910, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.4687, 0.3351, 0.3069**, and **16.8591, 0.3591, 0.2937** is the 20% darker color. If you saturate the color by 10%, you get **31.4498, 0.3668, 0.2909**, and if you desaturate by 10%, it is **45.5803, 0.3330, 0.3120**.

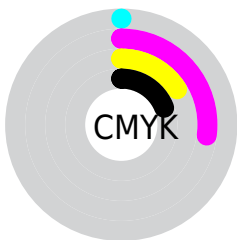
Distribution



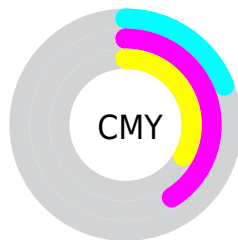
- Red (81%)
- Green (59%)
- Blue (67%)



- Red (81%)
- Yellow (59%)
- Blue (67%)



- Cyan (0%)
- Magenta (27%)
- Yellow (16%)
- Black (19%)





- Cyan (19%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9131, 0.3483, 0.3015 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 37.9131, 0.3483, 0.3015 by changing the saturation by 10% instead.


 37.9131, 0.3483,
0.3015


 37.9131, 0.3483,
0.3015


337.2470, 0.3300,
0.3155

 25.9153, 0.3530,
0.2979


 71.9749, 0.3415,
0.3067

 16.7602, 0.3592,
0.2933


 94.8077, 0.3390,
0.3086

 10.0637, 0.3676,
0.2870


122.0209, 0.3369,
0.3102

 5.4412, 0.3797,
0.2781

153.9989, 0.3351,
0.3116

 2.5084, 0.3986,
0.2644

191.1261, 0.3336,
0.3127

 0.8808, 0.4319,
0.2410

233.7870, 0.3322,

 0.0000, 1.0000,

0.3138

0.0000

282.3658, 0.3311,
0.3147

0.0000, 0.0000,
0.0000

37.9131, 0.3483,
0.3015

37.9131, 0.3483,
0.3015

31.4498, 0.3668,
0.2909

45.5803, 0.3330,
0.3120

26.1237, 0.3887,
0.2808

54.5036, 0.3203,
0.3221

21.8690, 0.4143,
0.2722

64.7382, 0.3100,
0.3316

18.6115, 0.4430,
0.2660

76.3345, 0.3015,
0.3404

16.2670, 0.4739,
0.2636

89.3403, 0.2945,
0.3485

■ 14.7375, 0.5052,
0.2661

■ 91.3538, 0.2879,
0.3372

■ 13.8907, 0.5345,
0.2737

■ 91.8564, 0.2838,
0.3289

■ 13.7091, 0.5425,
0.2762

Harmonies

Analogous

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



37.9131, 0.3113, 0.2799



37.9131, 0.3483, 0.3015



37.9131, 0.3763, 0.3301

Triad

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



37.9131, 0.3483, 0.3015



37.9131, 0.3468, 0.3950



37.9131, 0.2444, 0.2917

Complementary

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



37.9131, 0.3483, 0.3015



54.0709, 0.2870, 0.3584

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.



37.9131, 0.2527, 0.3227



37.9131, 0.3483, 0.3015



37.9131, 0.3107, 0.3859

Square

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



37.9131, 0.3483, 0.3015



37.9131, 0.3748, 0.3842



37.9131, 0.2764, 0.3583



37.9131, 0.2529, 0.2732

Rectangle

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



37.9131, 0.3483, 0.3015



37.9131, 0.3852, 0.3502



37.9131, 0.2764, 0.3583



37.9131, 0.2453, 0.3009

Sweetspot

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



37.9148, 0.3483, 0.3015



86.8956, 0.3214, 0.3212



36.4137, 0.2952, 0.2577



18.1052, 0.3232, 0.3197



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.



37.9148, 0.3483, 0.3015



54.6843, 0.3595, 0.2949



38.9677, 0.3691, 0.3363



11.2854, 0.3229, 0.3199



8.4629, 0.5388, 0.2742



0.4514, 0.4866, 0.2454

Inverse Universe

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



37.9148, 0.3483, 0.3015



54.6843, 0.3595, 0.2949



52.4200, 0.2727, 0.3216



11.2854, 0.3229, 0.3199



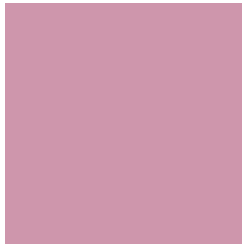
8.4629, 0.5388, 0.2742



0.4514, 0.4866, 0.2454

Previews

White Background



This preview shows how the Yxy color 37.9131, 0.3483, 0.3015 looks on a white background.

Color Contrast Check

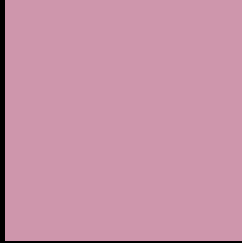
Large Text (above 18pt) WCAG AA × Fail

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 37.9131, 0.3483, 0.3015 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 37.9131, 0.3483, 0.3015

Background



This preview shows how black text looks on a background with the Yxy color 37.9131, 0.3483, 0.3015.



This preview shows how white text looks on a background with the Yxy color 37.9131, 0.3483, 0.3015.

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

37.9131, 0.3483, 0.3015

Protanopia

38.1390, 0.2984, 0.3067

Deuteranopia

38.0953, 0.3228, 0.3168



Tritanopia

38.0800, 0.3560, 0.3152

Trichromacy



Original Color

37.9131, 0.3483, 0.3015

Protanomaly

37.9397, 0.3148, 0.3047

Deuteranomaly

37.8730, 0.3312, 0.3105

Tritanomaly

37.8655, 0.3532, 0.3101

Monochromacy



Original Color

37.9131, 0.3483, 0.3015

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.6880, 0.3246, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9131, 0.3483, 0.3015 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(206, 150, 172)` looks like.

```
.text, #text, p{  
    color:rgb(206, 150, 172)  
}
```

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(206, 150, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 150, 172) }
```

Border

The CSS property to change the border of an element to Yxy 37.9131, 0.3483, 0.3015 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(206, 150, 172) }
```

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

```
.border{ border-color:rgb(206, 150, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 150, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 150, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 150, 172);  
box-shadow:4px 4px 4px 4px rgb(206, 150,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9131, 0.3483, 0.3015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 150, 172) }
```

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

```
.background{ background-color: rgb(206,  
150, 172) }
```

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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