

Converting Colors

$Yxy(37.7584, 0.3426, 0.2947)$

Have a look what the booklet for
Yxy(37.7584, 0.3426, 0.2947)
contains.

Yxy(37.6484, 0.3425, 0.2940)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.6484, 0.3425, 0.2940)

Conversions

Conversions Part 1

Format	Color
Hex	CD95B1
RGB	205, 149, 177
RGB Percent	80%, 58%, 69%
CMY	0.1961, 0.4157, 0.3059
CMYK	0.00, 0.27, 0.14, 0.20
HSL	330°, 36%, 69%
HSV	330°, 27%, 80%
XYZ	43.8591, 37.6484, 46.5483
YIQ	168.9360, 24.3880, 20.5800

Conversions

Conversions Part 2

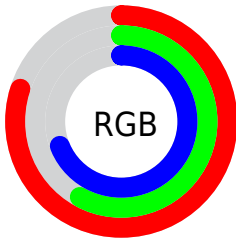
Format	Color
R_{YB}	205, 149, 177
Decimal	13473201
CIE _{Lab}	67.76, 25.34, -6.25
CIE _{LCh}	68, 26.098, 346.145
Yxy	37.6484, 0.3425, 0.2940
Android (android.graphics.Color)	4291663281 (0xFFCD95B1)
YUV	168.9360, 3.9756, 31.6281
Hunter-Lab	61.3583, 20.2154, -2.0284

Details

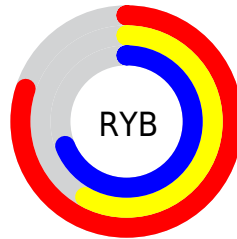
The Yxy color **37.6484, 0.3425, 0.2940** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.2262, 0.2907, 0.3670**, and the grayscale version is **39.6147, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3289, 0.3307, 0.3000**, and **16.6746, 0.3521, 0.2852** is the 20% darker color. If you saturate the color by 10%, you get **31.3304, 0.3576, 0.2807**, and if you desaturate by 10%, it is **45.1422, 0.3298, 0.3073**.

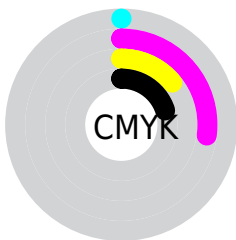
Distribution



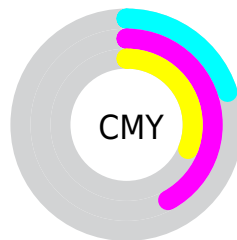
- Red (80%)
- Green (58%)
- Blue (69%)



- Red (80%)
- Yellow (58%)
- Blue (69%)



- Cyan (0%)
- Magenta (27%)
- Yellow (14%)
- Black (20%)





- Cyan (20%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6484, 0.3425, 0.2940 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 37.6484, 0.3425, 0.2940 by changing the saturation by 10% instead.


 37.6484, 0.3425,
0.2940


 37.6484, 0.3425,
0.2940


336.1093, 0.3273,
0.3117

 25.7099, 0.3464,
0.2895


 71.5689, 0.3369,
0.3005

 16.6068, 0.3514,
0.2838


 94.3197, 0.3348,
0.3029

 9.9545, 0.3583,
0.2761


121.4434, 0.3331,
0.3049

 5.3688, 0.3680,
0.2653

153.3244, 0.3316,
0.3066

 2.4652, 0.3830,
0.2489

190.3471, 0.3303,
0.3081

 0.8592, 0.4089,
0.2216


232.8959, 0.3292,

 0.0000, 0.6963,


0.3095

0.0000

281.3552, 0.3282,
0.3106


 0.0000, 0.0000,
0.0000

 37.6484, 0.3425,
0.2940


 37.6484, 0.3425,
0.2940

 31.3304, 0.3576,
0.2807


 45.1422, 0.3298,
0.3073


 26.1226, 0.3752,
0.2679


 53.8627, 0.3193,
0.3201


 21.9606, 0.3955,
0.2567

 63.8642, 0.3105,
0.3322

 18.7713, 0.4181,
0.2482

 75.1961, 0.3033,
0.3434

 16.4723, 0.4423,
0.2435

 87.9052, 0.2973,
0.3538

■ 14.9670, 0.4671,
0.2438

■ 90.7017, 0.2919,
0.3463

■ 14.1231, 0.4910,
0.2495

■ 91.3233, 0.2865,
0.3354

■ 13.9476, 0.4975,
0.2514

■ 91.7187, 0.2833,
0.3289

Harmonies

Analogous

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



37.6484, 0.3026, 0.2734



37.6484, 0.3425, 0.2940



37.6484, 0.3756, 0.3231

Triad

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



37.6484, 0.3425, 0.2940



37.6484, 0.3565, 0.3986



37.6484, 0.2405, 0.2952

Complementary

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



37.6484, 0.3425, 0.2940



53.2262, 0.2907, 0.3670

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.



37.6484, 0.2530, 0.3303



37.6484, 0.3425, 0.2940



37.6484, 0.3189, 0.3940

Square

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



37.6484, 0.3425, 0.2940



37.6484, 0.3832, 0.3830



37.6484, 0.2812, 0.3680



37.6484, 0.2457, 0.2725

Rectangle

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



37.6484, 0.3425, 0.2940



37.6484, 0.3881, 0.3444



37.6484, 0.2812, 0.3680



37.6484, 0.2428, 0.3059

Sweetspot

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



37.6501, 0.3425, 0.2940



87.0281, 0.3200, 0.3191



35.2522, 0.2899, 0.2562



18.1386, 0.3215, 0.3172



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.



37.6501, 0.3425, 0.2940



55.1291, 0.3514, 0.2858



36.6460, 0.3714, 0.3292



11.3057, 0.3213, 0.3175



8.7024, 0.4943, 0.2496



0.4643, 0.4515, 0.2261

Inverse Universe

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



37.6501, 0.3425, 0.2940



55.1291, 0.3514, 0.2858



54.4592, 0.2732, 0.3289



11.3057, 0.3213, 0.3175



8.7024, 0.4943, 0.2496



0.4643, 0.4515, 0.2261

Previews

White Background



This preview shows how the Yxy color 37.6484, 0.3425, 0.2940 looks on a white background.

Color Contrast Check

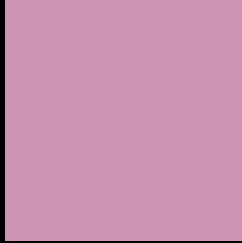
Large Text (above 18pt) WCAG AA × Fail

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 37.6484, 0.3425, 0.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

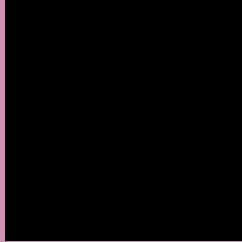
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.6484, 0.3425, 0.2940

Background



This preview shows how black text looks on a background with the Yxy color 37.6484, 0.3425, 0.2940.



This preview shows how white text looks on a background with the Yxy color 37.6484, 0.3425, 0.2940.

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

37.6484, 0.3425, 0.2940

Protanopia

37.7775, 0.2925, 0.2984

Deuteranopia

37.9320, 0.3155, 0.3099



Tritanopia

37.4741, 0.3542, 0.3138

Trichromacy



Original Color

37.6484, 0.3425, 0.2940

Protanomaly

37.6801, 0.3095, 0.2967

Deuteranomaly

37.8133, 0.3245, 0.3039

Tritanomaly

37.4772, 0.3504, 0.3063

Monochromacy



Original Color

37.6484, 0.3425, 0.2940

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.7643, 0.3228, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6484, 0.3425, 0.2940 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(205, 149, 177)` looks like.

```
.text, #text, p{  
    color:rgb(205, 149, 177)  
}
```

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(205, 149, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 149, 177) }
```

Border

The CSS property to change the border of an element to Yxy 37.6484, 0.3425, 0.2940 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(205, 149, 177) }
```

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

```
.border{ border-color:rgb(205, 149, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 149, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 149, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 149, 177);  
box-shadow:4px 4px 4px 4px rgb(205, 149,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6484, 0.3425, 0.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 149, 177) }
```

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

```
.background{ background-color: rgb(205,  
149, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor