

Converting Colors

$Y_{xy}(17.4127, 0.4241, 0.2466)$

Have a look what the booklet for
Yxy(17.4127, 0.4241, 0.2466)
contains.

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Color

Yxy(17.3937, 0.4234, 0.2467)

Conversions

Conversions Part 1

Format	Color
Hex	C93D83
RGB	201, 61, 131
RGB Percent	79%, 24%, 51%
CMY	0.2118, 0.7607, 0.4862
CMYK	0.00, 0.70, 0.35, 0.21
HSL	330°, 56%, 51%
HSV	330°, 70%, 79%
XYZ	29.8520, 17.3937, 23.2598
YIQ	110.8400, 60.9700, 51.4500

Conversions

Conversions Part 2

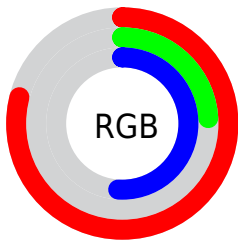
Format	Color
R_{YB}	201, 61, 131
Decimal	13188483
CIE _{Lab}	48.75, 60.77, -7.92
CIE _{LCh}	49, 61.280, 352.578
Yxy	17.3937, 0.4234, 0.2467
Android (android.graphics.Color)	4291378563 (0xFFC93D83)
YUV	110.8400, 9.9389, 79.0703
Hunter-Lab	41.7058, 54.7811, -3.8727

Details

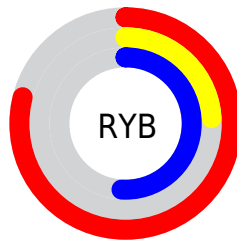
The Yxy color **17.3937, 0.4234, 0.2467** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **44.4015, 0.2693, 0.4443**, and the grayscale version is **15.8071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.6776, 0.3923, 0.2622**, and **6.3600, 0.4597, 0.2306** is the 20% darker color. If you saturate the color by 10%, you get **15.3761, 0.4478, 0.2431**, and if you desaturate by 10%, it is **20.2433, 0.4004, 0.2545**.

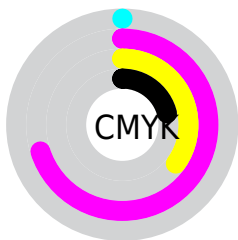
Distribution



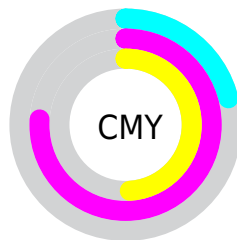
- Red (79%)
- Green (24%)
- Blue (51%)



- Red (79%)
- Yellow (24%)
- Blue (51%)



- Cyan (0%)
- Magenta (70%)
- Yellow (35%)
- Black (21%)





- Cyan (21%)
- Magenta (76%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3937, 0.4234, 0.2467 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 17.3937, 0.4234, 0.2467 by changing the saturation by 10% instead.


 17.3937, 0.4234,
0.2467


 17.3937, 0.4234,
0.2467


237.4311, 0.3607,
0.2921


 10.5156, 0.4420,
0.2338


 39.0015, 0.3986,
0.2643


 5.7421, 0.4677,
0.2164


 54.4999, 0.3899,
0.2706


 2.6889, 0.5057,
0.1916

 73.6405, 0.3828,
0.2757

 0.9716, 0.5663,
0.1541

 96.8078, 0.3769,
0.2801

 0.0000, 0.7839,
0.0000

 124.3861, 0.3719,
0.2838

 0.0000, 1.0000,
0.0000

156.7598, 0.3676,

 0.0000, 0.0000,

0.2869

0.0000

194.3133, 0.3639,
0.2897

■ 17.3937, 0.4234,
0.2467

■ 17.3937, 0.4234,
0.2467

■ 15.3761, 0.4478,
0.2431

■ 20.2433, 0.4004,
0.2545

■ 14.0919, 0.4724,
0.2446

■ 24.0034, 0.3796,
0.2652

■ 13.3690, 0.4963,
0.2510

■ 28.7463, 0.3614,
0.2777

■ 13.3465, 0.4971,
0.2512

■ 34.5363, 0.3457,
0.2909

■ 41.4322, 0.3325,
0.3042

■ 49.4884, 0.3215,
0.3172

■ 58.7555, 0.3124,
0.3294

■ 69.2815, 0.3049,
0.3409

■ 81.1113, 0.2987,
0.3515

Harmonies

Analogous

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



17.3937, 0.3006, 0.1953



17.3937, 0.4234, 0.2467



17.3937, 0.5186, 0.3136

Triad

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



17.3937, 0.4234, 0.2467



17.3937, 0.3923, 0.5375



17.3937, 0.1277, 0.2065

Complementary

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



17.3937, 0.4234, 0.2467



44.4015, 0.2693, 0.4443

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.



17.3937, 0.1411, 0.2929



17.3937, 0.4234, 0.2467



17.3937, 0.2880, 0.5384

Square

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



17.3937, 0.4234, 0.2467



17.3937, 0.4838, 0.4680



17.3937, 0.1954, 0.4295



17.3937, 0.1482, 0.1700

Rectangle

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



17.3937, 0.4234, 0.2467



17.3937, 0.5398, 0.3623



17.3937, 0.1954, 0.4295



17.3937, 0.1282, 0.2289

Sweetspot

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



17.3946, 0.4234, 0.2467



68.8575, 0.3346, 0.3021



12.1973, 0.2360, 0.1357



14.0081, 0.3381, 0.2983



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.



17.3946, 0.4234, 0.2467



24.9673, 0.4615, 0.2433



16.1185, 0.5415, 0.3273



10.7239, 0.3213, 0.3175



8.4109, 0.4940, 0.2495



0.4129, 0.4484, 0.2244

Inverse Universe

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



17.3946, 0.4234, 0.2467



24.9673, 0.4615, 0.2433



46.8706, 0.2345, 0.3322



10.7239, 0.3213, 0.3175



8.4109, 0.4940, 0.2495



0.4129, 0.4484, 0.2244

Previews

White Background



This preview shows how the Yxy color 17.3937, 0.4234, 0.2467 looks on a white background.

Color Contrast Check

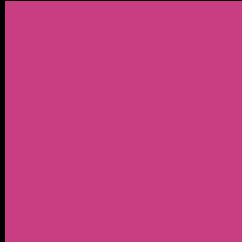
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 17.3937, 0.4234, 0.2467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

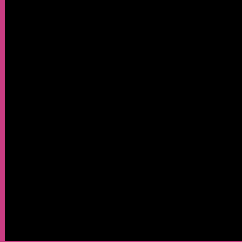
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.3937, 0.4234, 0.2467

Background



This preview shows how black text looks on a background with the Yxy color 17.3937, 0.4234, 0.2467.



This preview shows how white text looks on a background with the Yxy color 17.3937, 0.4234, 0.2467.

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

17.3937, 0.4234, 0.2467

Protanopia

17.7608, 0.2444, 0.2364

Deuteranopia

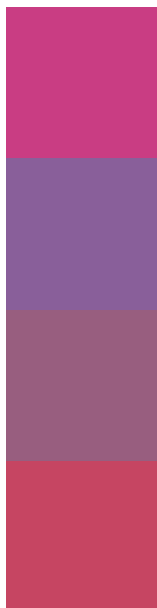
17.5506, 0.3137, 0.3083



Tritanopia

17.3324, 0.5021, 0.3237

Trichromacy



Original Color

17.3937, 0.4234, 0.2467

Protanomaly

15.8359, 0.2949, 0.2307

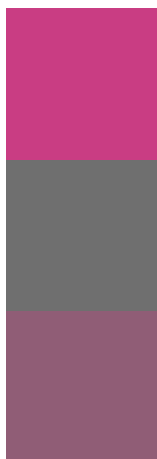
Deuteranomaly

16.2131, 0.3516, 0.2743

Tritanomaly

17.1439, 0.4748, 0.2947

Monochromacy



Original Color

17.3937, 0.4234, 0.2467

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.0660, 0.3538, 0.2853

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3937, 0.4234, 0.2467 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(201, 61, 131)` looks like.

```
.text, #text, p{  
    color:rgb(201, 61, 131)  
}
```

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(201, 61, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 61, 131) }
```

Border

The CSS property to change the border of an element to Yxy 17.3937, 0.4234, 0.2467 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(201, 61, 131) }
```

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

```
.border{ border-color:rgb(201, 61, 131) }
```

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

Here you see how a box with a 4 pixel rgb(201, 61, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 61, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 61, 131);  
box-shadow:4px 4px 4px 4px rgb(201, 61,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3937, 0.4234, 0.2467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 61, 131) }
```

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

```
.background{ background-color: rgb(201, 61,  
131) }
```

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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