

Converting Colors

$Y_{xy}(13.0893, 0.4327, 0.2216)$

Have a look what the booklet for
Yxy(13.0893, 0.4327, 0.2216)
contains.

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Color

Yxy(13.1529, 0.4321, 0.2214)

Conversions

Conversions Part 1

Format	Color
Hex	C0137D
RGB	192, 19, 125
RGB Percent	75%, 7%, 49%
CMY	0.2471, 0.9252, 0.5098
CMYK	0.00, 0.90, 0.35, 0.25
HSL	323°, 82%, 41%
HSV	323°, 90%, 75%
XYZ	25.6701, 13.1529, 20.5848
YIQ	82.8110, 69.0820, 69.6420

Conversions

Conversions Part 2

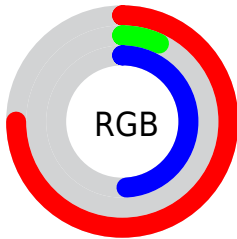
Format	Color
R_{YB}	192, 19, 125
Decimal	12587901
CIE _{Lab}	42.99, 68.92, -13.08
CIE _{LCh}	43, 70.147, 349.257
Yxy	13.1529, 0.4321, 0.2214
Android (android.graphics.Color)	4290777981 (0xFFC0137D)
YUV	82.8110, 20.7992, 95.7588
Hunter-Lab	36.2669, 62.8772, -8.2657

Details

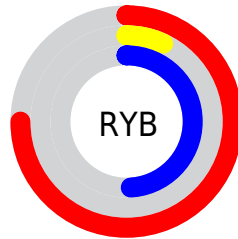
The Yxy color **13.1529, 0.4321, 0.2214** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **38.5064, 0.2793, 0.5171**, and the grayscale version is **8.5645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.5792, 0.4043, 0.2442**, and **5.5083, 0.4611, 0.2314** is the 20% darker color. If you saturate the color by 10%, you get **12.5035, 0.4493, 0.2249**, and if you desaturate by 10%, it is **14.2864, 0.4145, 0.2223**.

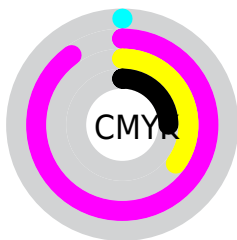
Distribution



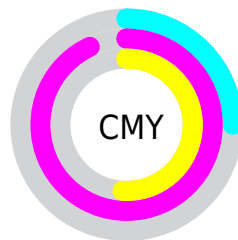
- Red (75%)
- Green (7%)
- Blue (49%)



- Red (75%)
- Yellow (7%)
- Blue (49%)



- Cyan (0%)
- Magenta (90%)
- Yellow (35%)
- Black (25%)





- Cyan (25%)
- Magenta (93%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.1529, 0.4321, 0.2214 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 13.1529, 0.4321, 0.2214 by changing the saturation by 10% instead.


 13.1529, 0.4321,
0.2214


 13.1529, 0.4321,
0.2214


211.8953, 0.3631,
0.2814


 7.5339, 0.4531,
0.2043


 31.5782, 0.4044,
0.2447


 3.7982, 0.4827,
0.1811


 45.1533, 0.3948,
0.2530

 1.5613, 0.5270,
0.1485

 62.1493, 0.3870,
0.2599

 0.3313, 0.6137,
0.0780

 82.9504, 0.3806,
0.2656

 0.0000, 0.9318,
0.0000

 107.9412, 0.3752,
0.2704

 0.0000, 0.0000,
0.0000

 137.5060, 0.3706,

0.2746

172.0292, 0.3666,
0.2782

■ 13.1529, 0.4321,
0.2214

■ 13.1529, 0.4321,
0.2214

■ 12.5035, 0.4493,
0.2249

■ 14.2864, 0.4145,
0.2223

■ 16.0676, 0.3969,
0.2282

■ 18.5829, 0.3802,
0.2383

■ 21.9048, 0.3649,
0.2513

■ 26.0971, 0.3511,
0.2663

■ 31.2169, 0.3391,
0.2822

■ 37.3168, 0.3288,
0.2982

■ 44.4452, 0.3201,
0.3139

■ 52.6472, 0.3128,
0.3289

Harmonies

Analogous

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



13.1529, 0.2800, 0.1667



13.1529, 0.4321, 0.2214



13.1529, 0.5589, 0.2937

Triad

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



13.1529, 0.4321, 0.2214



13.1529, 0.4066, 0.5695



13.1529, 0.0976, 0.1863

Complementary

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



13.1529, 0.4321, 0.2214



38.5064, 0.2793, 0.5171

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.



13.1529, 0.1131, 0.2943



13.1529, 0.4321, 0.2214



13.1529, 0.2848, 0.6055

Square

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



13.1529, 0.4321, 0.2214



13.1529, 0.5181, 0.4689



13.1529, 0.1763, 0.4788



13.1529, 0.1167, 0.1438

Rectangle

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



13.1529, 0.4321, 0.2214



13.1529, 0.5871, 0.3456



13.1529, 0.1763, 0.4788



13.1529, 0.0986, 0.2133

Sweetspot

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



13.1536, 0.4321, 0.2214



59.3052, 0.3363, 0.2864



6.2216, 0.1930, 0.0888



11.9619, 0.3400, 0.2809



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.1536, 0.4321, 0.2214



22.6079, 0.4519, 0.2263



11.8213, 0.6004, 0.3177



10.1792, 0.3195, 0.3150



8.4303, 0.4473, 0.2238



0.3774, 0.4119, 0.2043

Inverse Universe

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



13.1536, 0.4321, 0.2214



22.6079, 0.4519, 0.2263



40.8048, 0.2354, 0.3619



10.1792, 0.3195, 0.3150



8.4303, 0.4473, 0.2238



0.3774, 0.4119, 0.2043

Previews

White Background



This preview shows how the Yxy color 13.1529, 0.4321, 0.2214 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 13.1529, 0.4321, 0.2214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

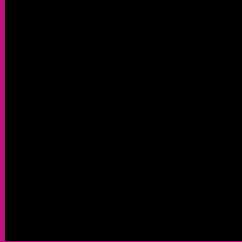
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.1529, 0.4321, 0.2214

Background



This preview shows how black text looks on a background with the Yxy color 13.1529, 0.4321, 0.2214.



This preview shows how white text looks on a background with the Yxy color 13.1529, 0.4321, 0.2214.

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

13.1529, 0.4321, 0.2214

Protanopia

13.7440, 0.2094, 0.1917

Deuteranopia

13.5245, 0.3002, 0.2936



Tritanopia

13.2871, 0.5521, 0.3277

Trichromacy



Original Color

13.1529, 0.4321, 0.2214



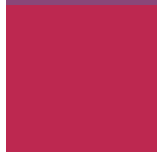
Protanomaly

10.5182, 0.2593, 0.1785



Deuteranomaly

11.2658, 0.3469, 0.2424



Tritanomaly

12.9156, 0.5158, 0.2872

Monochromacy



Original Color

13.1529, 0.4321, 0.2214



Achromatopsia

8.6500, 0.3127, 0.3290



Achromatomaly

8.3245, 0.3650, 0.2535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.1529, 0.4321, 0.2214 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(192, 19, 125)` looks like.

```
.text, #text, p{  
    color:rgb(192, 19, 125)  
}
```

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(192, 19, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 19, 125) }
```

Border

The CSS property to change the border of an element to Yxy 13.1529, 0.4321, 0.2214 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(192, 19, 125) }
```

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

```
.border{ border-color:rgb(192, 19, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 19, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 19, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 19, 125);  
box-shadow:4px 4px 4px 4px rgb(192, 19,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 13.1529, 0.4321, 0.2214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 19, 125) }
```

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

```
.background{ background-color: rgb(192, 19,  
125) }
```

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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