

Converting Colors

$Y_{xy}(21.2452, 0.3703, 0.2094)$

Have a look what the booklet for
Yxy(21.2452, 0.3703, 0.2094)
contains.

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Color

Yxy(21.3228, 0.3704, 0.2097)

Conversions

Conversions Part 1

Format	Color
Hex	D741AF
RGB	215, 65, 175
RGB Percent	84%, 25%, 69%
CMY	0.1567, 0.7453, 0.3137
CMYK	0.00, 0.70, 0.19, 0.16
HSL	316°, 65%, 55%
HSV	316°, 70%, 84%
XYZ	37.6632, 21.3228, 42.6964
YIQ	122.3900, 54.0900, 66.0100

Conversions

Conversions Part 2

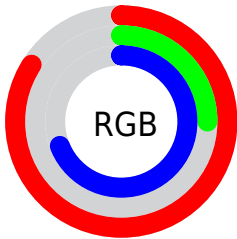
Format	Color
R _Y B	215, 65, 175
Decimal	14107055
CIE Lab	53.30, 68.54, -26.90
CIE LCh	53, 73.631, 338.568
Yxy	21.3228, 0.3704, 0.2097
Android (android.graphics.Color)	4292297135 (0xFFD741AF)
YUV	122.3900, 25.9367, 81.2190
Hunter-Lab	46.1766, 64.7814, -22.4979

Details

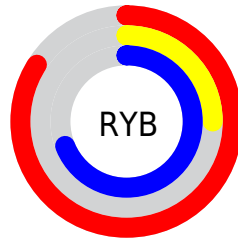
The Yxy color **21.3228, 0.3704, 0.2097** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **50.7645, 0.2863, 0.5005**, and the grayscale version is **19.4903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.4448, 0.3406, 0.2245**, and **8.4731, 0.3841, 0.1890** is the 20% darker color. If you saturate the color by 10%, you get **19.0889, 0.3815, 0.2017**, and if you desaturate by 10%, it is **24.5074, 0.3596, 0.2219**.

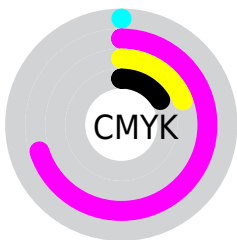
Distribution



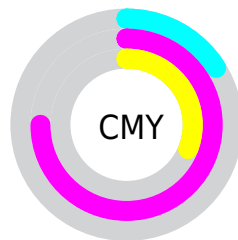
- Red (84%)
- Green (25%)
- Blue (69%)



- Red (84%)
- Yellow (25%)
- Blue (69%)



- Cyan (0%)
- Magenta (70%)
- Yellow (19%)
- Black (16%)




- Cyan (16%)
- Magenta (75%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.3228, 0.3704, 0.2097 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 21.3228, 0.3704, 0.2097 by changing the saturation by 10% instead.


 21.3228, 0.3704,
0.2097


 21.3228, 0.3704,
0.2097


258.9891, 0.3412,
0.2699


 13.3602, 0.3777,
0.1948


 45.6241, 0.3598,
0.2315

 7.6770, 0.3869,
0.1760


 62.7316, 0.3558,
0.2397


 3.8890, 0.3989,
0.1515


 83.6562, 0.3524,
0.2467

 1.6117, 0.4150,
0.1189

 108.7823, 0.3495,
0.2527

 0.3654, 0.4436,
0.0610

 138.4942, 0.3470,
0.2578

 0.0000, 0.4749,
0.0000

173.1764, 0.3449,

 0.0000, 0.0000,

0.2623

0.0000

213.2132, 0.3429,
0.2663

■ 21.3228, 0.3704,
0.2097

■ 21.3228, 0.3704,
0.2097

■ 19.0889, 0.3815,
0.2017

■ 24.5074, 0.3596,
0.2219

■ 17.6891, 0.3924,
0.1984

■ 28.7351, 0.3494,
0.2373


■ 16.9253, 0.4030,
0.1995


■ 34.0910, 0.3401,
0.2549

■ 16.9119, 0.4032,
0.1995

■ 40.6503, 0.3317,
0.2736

■ 48.4819, 0.3244,
0.2926

 57.6493, 0.3180,
0.3114

 68.2121, 0.3126,
0.3294

 80.2258, 0.3080,
0.3463

 91.4992, 0.3043,
0.3587

Harmonies

Analogous

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



21.3228, 0.2432, 0.1666



21.3228, 0.3704, 0.2097



21.3228, 0.5018, 0.2744

Triad

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



21.3228, 0.3704, 0.2097



21.3228, 0.4438, 0.5223



21.3228, 0.1140, 0.2279

Complementary

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



21.3228, 0.3704, 0.2097



50.7645, 0.2863, 0.5005

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.



21.3228, 0.1454, 0.3536



21.3228, 0.3704, 0.2097



21.3228, 0.3335, 0.5788

Square

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



21.3228, 0.3704, 0.2097



21.3228, 0.5317, 0.4319



21.3228, 0.2240, 0.5151



21.3228, 0.1202, 0.1678

Rectangle

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



21.3228, 0.3704, 0.2097



21.3228, 0.5532, 0.3233



21.3228, 0.2240, 0.5151



21.3228, 0.1197, 0.2618

Sweetspot

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



21.3239, 0.3704, 0.2097



69.5775, 0.3253, 0.2900



11.6845, 0.2056, 0.1202



14.1799, 0.3273, 0.2846



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.



21.3239, 0.3704, 0.2097



26.9037, 0.3870, 0.1994



19.1476, 0.4926, 0.2927



12.5735, 0.3178, 0.3121



10.1292, 0.4017, 0.1987



0.6243, 0.3847, 0.1893

Inverse Universe

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



21.3239, 0.3704, 0.2097



26.9037, 0.3870, 0.1994



53.0413, 0.2492, 0.3806



12.5735, 0.3178, 0.3121



10.1292, 0.4017, 0.1987



0.6243, 0.3847, 0.1893

Previews

White Background



This preview shows how the Yxy color 21.3228, 0.3704, 0.2097 looks on a white background.

Color Contrast Check

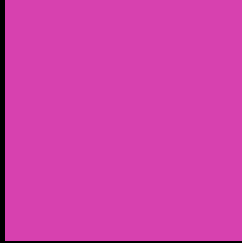
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 21.3228, 0.3704, 0.2097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

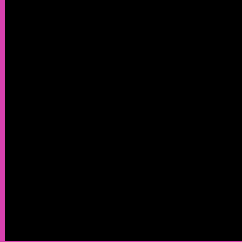
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.3228, 0.3704, 0.2097

Background



This preview shows how black text looks on a background with the Yxy color 21.3228, 0.3704, 0.2097.



This preview shows how white text looks on a background with the Yxy color 21.3228, 0.3704, 0.2097.

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

21.3228, 0.3704, 0.2097

Protanopia

21.8339, 0.2039, 0.1838

Deuteranopia

21.6680, 0.2666, 0.2615



Tritanopia

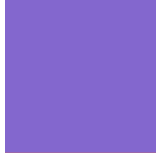
21.3809, 0.4773, 0.3224

Trichromacy



Original Color

21.3228, 0.3704, 0.2097



Protanomaly

18.9820, 0.2413, 0.1807



Deuteranomaly

19.7338, 0.3003, 0.2312



Tritanomaly

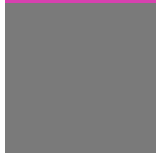
21.0414, 0.4403, 0.2777

Monochromacy



Original Color

21.3228, 0.3704, 0.2097



Achromatopsia

19.4618, 0.3127, 0.3290



Achromatomaly

18.2984, 0.3359, 0.2653

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.3228, 0.3704, 0.2097 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(215, 65, 175)` looks like.

```
.text, #text, p{  
    color:rgb(215, 65, 175)  
}
```

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(215, 65, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 65, 175) }
```

Border

The CSS property to change the border of an element to Yxy 21.3228, 0.3704, 0.2097 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(215, 65, 175) }
```

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

```
.border{ border-color:rgb(215, 65, 175) }
```

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

Here you see how a box with a 4 pixel rgb(215, 65, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 65, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 65, 175);  
box-shadow:4px 4px 4px 4px rgb(215, 65,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 21.3228, 0.3704, 0.2097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 65, 175) }
```

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

```
.background{ background-color: rgb(215, 65,  
175) }
```

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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