

# Converting Colors

$Yxy(21.9424, 0.4334, 0.2735)$

Have a look what the booklet for  
Yxy(21.9424, 0.4334, 0.2735)  
contains.

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**Color**

**Yxy(21.9424, 0.4334, 0.2735)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D65282
RGB	214, 82, 130
RGB Percent	84%, 32%, 51%
CMY	0.1609, 0.6783, 0.4903
CMYK	0.00, 0.62, 0.39, 0.16
HSL	338°, 62%, 58%
HSV	338°, 62%, 84%
XYZ	34.7709, 21.9424, 23.5149
YIQ	126.9400, 63.2640, 42.9120

# Conversions

## Conversions Part 2

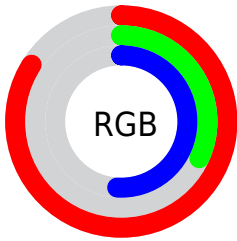
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 82, 130
Decimal	14045826
CIE <sub>Lab</sub>	53.97, 56.02, 0.64
CIE <sub>LCh</sub>	54, 56.025, 0.652
Yxy	21.9424, 0.4334, 0.2735
Android (android.graphics.Color)	4292235906 (0xFFD65282)
YUV	126.9400, 1.5086, 76.3516
Hunter-Lab	46.8427, 50.5240, 3.0265

# Details

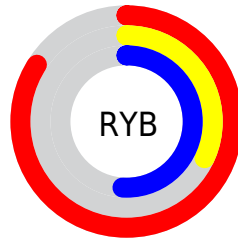
The Yxy color **21.9424, 0.4334, 0.2735** is a dark color, and the websafe version is hex **CC3366**, and the color name is **mystic**. The color can be described as middle muted rose. A complement of this color would be **52.6286, 0.2617, 0.4003**, and the grayscale version is **21.1843, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5702, 0.3884, 0.2815**, and **7.9953, 0.4795, 0.2519** is the 20% darker color. If you saturate the color by 10%, you get **18.8606, 0.4652, 0.2696**, and if you desaturate by 10%, it is **26.0809, 0.4046, 0.2805**.

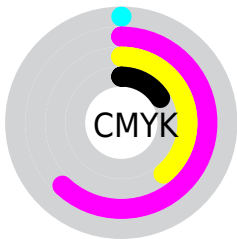
# Distribution



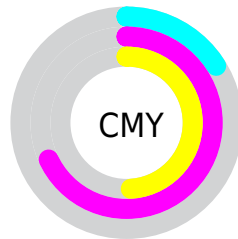
- Red (84%)
- Green (32%)
- Blue (51%)



- Red (84%)
- Yellow (32%)
- Blue (51%)



- Cyan (0%)
- Magenta (62%)
- Yellow (39%)
- Black (16%)



- Cyan (16%)
- Magenta (68%)
- Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 21.9424, 0.4334, 0.2735 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 21.9424, 0.4334, 0.2735 by changing the saturation by 10% instead.





 21.9424, 0.4334,  
0.2735


 21.9424, 0.4334,  
0.2735


262.2453, 0.3660,  
0.3046


 13.8146, 0.4528,  
0.2645


 46.6508, 0.4071,  
0.2857


 7.9918, 0.4795,  
0.2521


 64.0001, 0.3977,  
0.2900


 4.0897, 0.5179,  
0.2341

 85.1921, 0.3901,  
0.2935

 1.7239, 0.5775,  
0.2062

 110.6111, 0.3837,  
0.2965

 0.4390, 0.7142,  
0.1438

 140.6416, 0.3782,  
0.2990

 0.0000, 1.0000,  
0.0000

175.6678, 0.3736,

 0.0000, 0.0000,

0.3011

0.0000

216.0743, 0.3695,  
0.3030

■ 21.9424, 0.4334,  
0.2735

■ 21.9424, 0.4334,  
0.2735

■ 18.8606, 0.4652,  
0.2696

■ 26.0809, 0.4046,  
0.2805

■ 16.7330, 0.4983,  
0.2699

■ 31.3590, 0.3796,  
0.2893

■ 15.4428, 0.5304,  
0.2754

■ 37.8553, 0.3584,  
0.2990

■ 14.8384, 0.5549,  
0.2831

■ 45.6403, 0.3408,  
0.3089

■ 54.7792, 0.3263,  
0.3185

■ 65.3327, 0.3145,  
0.3276

■ 77.3579, 0.3048,  
0.3360

■ 90.9086, 0.2968,  
0.3438

■ 92.8768, 0.2895,  
0.3314

# Harmonies

## Analogous

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



21.9424, 0.3309, 0.2220



21.9424, 0.4334, 0.2735



21.9424, 0.4998, 0.3370

# Triad

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



21.9424, 0.4334, 0.2735



21.9424, 0.3633, 0.5152



21.9424, 0.1508, 0.2113

# Complementary

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



21.9424, 0.4334, 0.2735



52.6286, 0.2617, 0.4003

# 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.



21.9424, 0.1556, 0.2760



21.9424, 0.4334, 0.2735



21.9424, 0.2714, 0.4852

# Square

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



21.9424, 0.4334, 0.2735



21.9424, 0.4472, 0.4735



21.9424, 0.1959, 0.3818



21.9424, 0.1779, 0.1860



# Rectangle

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



21.9424, 0.4334, 0.2735



21.9424, 0.5078, 0.3826



21.9424, 0.1959, 0.3818



21.9424, 0.1488, 0.2280

# Sweetspot

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



21.9436, 0.4334, 0.2735



72.3889, 0.3354, 0.3123



18.9575, 0.2669, 0.1643



14.6777, 0.3400, 0.3094



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.



21.9436, 0.4334, 0.2735



26.9372, 0.4754, 0.2692



23.9452, 0.4926, 0.3493



12.4947, 0.3235, 0.3206



8.9898, 0.5511, 0.2809



0.5579, 0.5034, 0.2547



# Inverse Universe

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



21.9436, 0.4334, 0.2735



26.9372, 0.4754, 0.2692



46.3009, 0.2325, 0.3038



12.4947, 0.3235, 0.3206



8.9898, 0.5511, 0.2809



0.5579, 0.5034, 0.2547



# Previews

## White Background



This preview shows how the Yxy color 21.9424, 0.4334, 0.2735 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

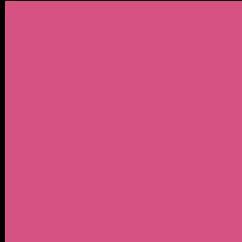
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the Yxy color 21.9424, 0.4334, 0.2735 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

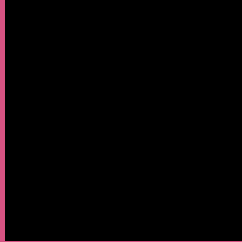
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**Yxy 21.9424, 0.4334, 0.2735**

## Background



This preview shows how black text looks on a background with the Yxy color 21.9424, 0.4334, 0.2735.



This preview shows how white text looks on a background with the Yxy color 21.9424, 0.4334, 0.2735.

# 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

21.9424, 0.4334, 0.2735

### Protanopia

22.1179, 0.2770, 0.2778

### Deuteranopia

22.0518, 0.3371, 0.3308



## Tritanopia

21.8199, 0.4805, 0.3226

# Trichromacy



## Original Color

21.9424, 0.4334, 0.2735

## Protanomaly

20.5749, 0.3255, 0.2707

## Deuteranomaly

20.8787, 0.3715, 0.3031

## Tritanomaly

21.7353, 0.4638, 0.3038

# Monochromacy



## Original Color

21.9424, 0.4334, 0.2735

## Achromatopsia

21.2231, 0.3127, 0.3290

## Achromatomaly

20.2983, 0.3550, 0.3018

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 21.9424, 0.4334, 0.2735 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(214, 82, 130)` looks like.

```
.text, #text, p{  
    color:rgb(214, 82, 130)  
}
```

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(214, 82, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 82, 130) }
```

## Border

The CSS property to change the border of an element to Yxy 21.9424, 0.4334, 0.2735 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(214, 82, 130) }
```

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

```
.border{ border-color:rgb(214, 82, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 82, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 82, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 82, 130);  
box-shadow:4px 4px 4px 4px rgb(214, 82,  
130) }
```



# Background

The CSS property to change the background color of an element to Yxy 21.9424, 0.4334, 0.2735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 82, 130) }
```

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

```
.background{ background-color: rgb(214, 82,  
130) }
```

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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