

Converting Colors

Yxy(24.4258, 0.3396, 0.2113)

Have a look what the booklet for
Yxy(24.4258, 0.3396, 0.2113)
contains.

Yxy(24.4617, 0.3395, 0.2115)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(24.4617, 0.3395, 0.2115)

Conversions

Conversions Part 1

Format	Color
Hex	D159BF
RGB	209, 89, 191
RGB Percent	82%, 35%, 75%
CMY	0.1804, 0.6509, 0.2511
CMYK	0.00, 0.57, 0.09, 0.18
HSL	309°, 57%, 58%
HSV	309°, 57%, 82%
XYZ	39.2659, 24.4617, 51.9305
YIQ	136.5080, 38.7780, 57.1620

Conversions

Conversions Part 2

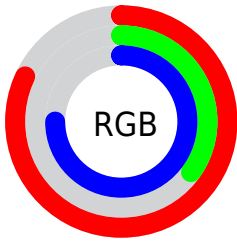
Format	Color
R _Y B	209, 89, 191
Decimal	13719999
CIE Lab	56.55, 59.69, -31.18
CIE LCh	57, 67.339, 332.417
Yxy	24.4617, 0.3395, 0.2115
Android (android.graphics.Color)	4291910079 (0xFFD159BF)
YUV	136.5080, 26.8646, 63.5755
Hunter-Lab	49.4588, 55.1606, -27.6319

Details

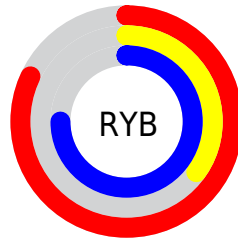
The Yxy color **24.4617, 0.3395, 0.2115** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **48.7813, 0.2954, 0.4872**, and the grayscale version is **24.7101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.2881, 0.3235, 0.2287**, and **9.3121, 0.3457, 0.1801** is the 20% darker color. If you saturate the color by 10%, you get **21.3269, 0.3453, 0.1968**, and if you desaturate by 10%, it is **28.5889, 0.3339, 0.2294**.

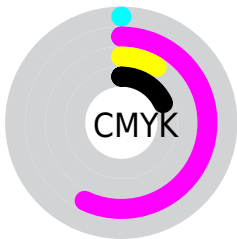
Distribution



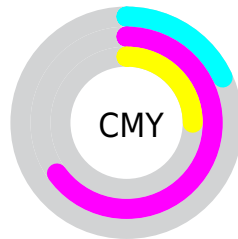
- Red (82%)
- Green (35%)
- Blue (75%)



- Red (82%)
- Yellow (35%)
- Blue (75%)



- Cyan (0%)
- Magenta (57%)
- Yellow (9%)
- Black (18%)




- Cyan (18%)
- Magenta (65%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4617, 0.3395, 0.2115 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 24.4617, 0.3395, 0.2115 by changing the saturation by 10% instead.


 24.4617, 0.3395,
0.2115


 24.4617, 0.3395,
0.2115


275.1464, 0.3275,
0.2696


 15.6765, 0.3420,
0.1975


 50.7826, 0.3355,
0.2323


 9.2955, 0.3447,
0.1798


 69.0870, 0.3339,
0.2403

 4.9344, 0.3478,
0.1571


 91.3333, 0.3325,
0.2470

 2.2088, 0.3506,
0.1274

 117.9059, 0.3313,
0.2528

 0.7248, 0.3520,
0.0869

149.1891, 0.3302,
0.2578

 0.0000, 0.3583,
0.0000

185.5673, 0.3292,

 0.0000, 0.0691,

0.2622


0.0000


227.4249, 0.3283,
0.2661


 0.0000, 0.0000,
0.0000


 24.4617, 0.3395,
0.2115

 24.4617, 0.3395,
0.2115


 21.3269, 0.3453,
0.1968


 28.5889, 0.3339,
0.2294


 19.0949, 0.3511,
0.1860


 33.7809, 0.3285,
0.2494


 17.6664, 0.3567,
0.1797

 40.1075, 0.3236,
0.2707

 16.9029, 0.3619,
0.1777

 47.6315, 0.3192,
0.2924

 16.7523, 0.3633,
0.1775

 56.4111, 0.3153,
0.3137

■ 66.5006, 0.3119,
0.3342

■ 77.9513, 0.3089,
0.3537

■ 90.0350, 0.3064,
0.3706

■ 90.1989, 0.3047,
0.3671

Harmonies

Analogous

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



24.4617, 0.2327, 0.1764



24.4617, 0.3395, 0.2115



24.4617, 0.4582, 0.2687

Triad

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



24.4617, 0.3395, 0.2115



24.4617, 0.4551, 0.4921



24.4617, 0.1352, 0.2597

Complementary

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



24.4617, 0.3395, 0.2115



48.7813, 0.2954, 0.4872

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.



24.4617, 0.1751, 0.3811



24.4617, 0.3395, 0.2115



24.4617, 0.3586, 0.5451

Square

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



24.4617, 0.3395, 0.2115



24.4617, 0.5224, 0.4133



24.4617, 0.2563, 0.5091



24.4617, 0.1333, 0.1922

Rectangle

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



24.4617, 0.3395, 0.2115



24.4617, 0.5145, 0.3140



24.4617, 0.2563, 0.5091



24.4617, 0.1438, 0.2946

Sweetspot

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



24.4628, 0.3395, 0.2115



74.9801, 0.3191, 0.2928



14.8786, 0.2156, 0.1517



15.5002, 0.3200, 0.2884



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.



24.4628, 0.3395, 0.2115



32.4935, 0.3467, 0.1938



22.3411, 0.4229, 0.2782



11.9773, 0.3160, 0.3095



10.3421, 0.3626, 0.1771



0.5867, 0.3538, 0.1722

Inverse Universe

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



24.4628, 0.3395, 0.2115



32.4935, 0.3467, 0.1938



50.5092, 0.2629, 0.3918



11.9773, 0.3160, 0.3095



10.3421, 0.3626, 0.1771



0.5867, 0.3538, 0.1722

Previews

White Background



This preview shows how the Yxy color 24.4617, 0.3395, 0.2115 looks on a white background.

Color Contrast Check

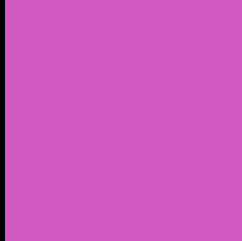
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4617, 0.3395, 0.2115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

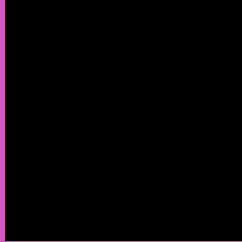
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4617, 0.3395, 0.2115

Background



This preview shows how black text looks on a background with the Yxy color 24.4617, 0.3395, 0.2115.



This preview shows how white text looks on a background with the Yxy color 24.4617, 0.3395, 0.2115.

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

24.4617, 0.3395, 0.2115

Protanopia

24.9179, 0.2118, 0.1932

Deuteranopia

24.6800, 0.2572, 0.2514



Tritanopia

24.4036, 0.4261, 0.3189

Trichromacy



Original Color

24.4617, 0.3395, 0.2115



Protanomaly

23.0321, 0.2439, 0.1930



Deuteranomaly

23.3721, 0.2825, 0.2303



Tritanomaly

24.1279, 0.3946, 0.2759

Monochromacy



Original Color

24.4617, 0.3395, 0.2115



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

23.6538, 0.3224, 0.2733

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4617, 0.3395, 0.2115 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(209, 89, 191)` looks like.

```
.text, #text, p{  
    color:rgb(209, 89, 191)  
}
```

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(209, 89, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 89, 191) }
```

Border

The CSS property to change the border of an element to Yxy 24.4617, 0.3395, 0.2115 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(209, 89, 191) }
```

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

```
.border{ border-color:rgb(209, 89, 191) }
```

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

Here you see how a box with a 4 pixel rgb(209, 89, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 89, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 89, 191);  
box-shadow:4px 4px 4px 4px rgb(209, 89,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4617, 0.3395, 0.2115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 89, 191) }
```

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

```
.background{ background-color: rgb(209, 89,  
191) }
```

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