

Converting Colors

$Y_{xy}(21.8807, 0.3779, 0.2266)$

Have a look what the booklet for
Yxy(21.8807, 0.3779, 0.2266)
contains.

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Color

Yxy(21.9191, 0.3778, 0.2262)

Conversions

Conversions Part 1

Format	Color
Hex	D44CA6
RGB	212, 76, 166
RGB Percent	83%, 30%, 65%
CMY	0.1688, 0.7018, 0.3491
CMYK	0.00, 0.64, 0.22, 0.17
HSL	320°, 61%, 56%
HSV	320°, 64%, 83%
XYZ	36.6094, 21.9191, 38.3730
YIQ	126.9240, 52.1660, 56.8220

Conversions

Conversions Part 2

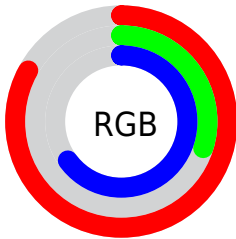
Format	Color
R _Y B	212, 76, 166
Decimal	13913254
CIE Lab	53.94, 62.32, -20.68
CIE LCh	54, 65.665, 341.641
Yxy	21.9191, 0.3778, 0.2262
Android (android.graphics.Color)	4292103334 (0xFFD44CA6)
YUV	126.9240, 19.2645, 74.6117
Hunter-Lab	46.8178, 57.6474, -15.8229

Details

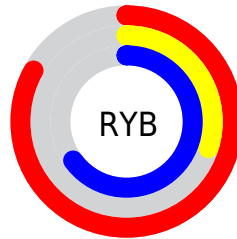
The Yxy color **21.9191, 0.3778, 0.2262** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **50.0113, 0.2819, 0.4694**, and the grayscale version is **21.1216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.2555, 0.3494, 0.2411**, and **8.0849, 0.3985, 0.1969** is the 20% darker color. If you saturate the color by 10%, you get **19.2070, 0.3924, 0.2169**, and if you desaturate by 10%, it is **25.6100, 0.3641, 0.2391**.

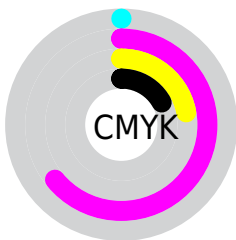
Distribution



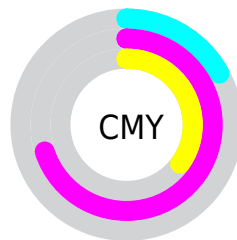
- Red (83%)
- Green (30%)
- Blue (65%)



- Red (83%)
- Yellow (30%)
- Blue (65%)



- Cyan (0%)
- Magenta (64%)
- Yellow (22%)
- Black (17%)





- Cyan (17%)
- Magenta (70%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.9191, 0.3778, 0.2262 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 21.9191, 0.3778, 0.2262 by changing the saturation by 10% instead.


 21.9191, 0.3778,
0.2262


 21.9191, 0.3778,
0.2262


262.1235, 0.3437,
0.2789


 13.7975, 0.3867,
0.2128


 46.6123, 0.3651,
0.2456

 7.9799, 0.3984,
0.1955


 63.9526, 0.3604,
0.2528


 4.0821, 0.4144,
0.1725


 85.1345, 0.3565,
0.2589

 1.7196, 0.4371,
0.1410

 110.5426, 0.3532,
0.2641

 0.4363, 0.4778,
0.0841

 140.5611, 0.3503,
0.2686

 0.0000, 0.5528,
0.0000

175.5745, 0.3478,

 0.0000, 0.0000,

0.2725

0.0000

215.9672, 0.3457,
0.2759

■ 21.9191, 0.3778,
0.2262

■ 21.9191, 0.3778,
0.2262

■ 19.2070, 0.3924,
0.2169

■ 25.6100, 0.3641,
0.2391

■ 17.3715, 0.4073,
0.2122

■ 30.3619, 0.3515,
0.2545

■ 16.2939, 0.4220,
0.2125

■ 36.2520, 0.3404,
0.2713

■ 15.8924, 0.4305,
0.2145

■ 43.3492, 0.3307,
0.2886

■ 51.7173, 0.3224,
0.3058

■ 61.4153, 0.3153,
0.3224

■ 72.4985, 0.3094,
0.3381

■ 85.0190, 0.3044,
0.3528

■ 91.2533, 0.3003,
0.3547

Harmonies

Analogous

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



21.9191, 0.2612, 0.1832



21.9191, 0.3778, 0.2262



21.9191, 0.4899, 0.2885

Triad

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



21.9191, 0.3778, 0.2262



21.9191, 0.4279, 0.5151



21.9191, 0.1295, 0.2321

Complementary

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



21.9191, 0.3778, 0.2262



50.0113, 0.2819, 0.4694

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.



21.9191, 0.1568, 0.3388



21.9191, 0.3778, 0.2262



21.9191, 0.3264, 0.5489

Square

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



21.9191, 0.3778, 0.2262



21.9191, 0.5081, 0.4381



21.9191, 0.2266, 0.4776



21.9191, 0.1379, 0.1796

Rectangle

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



21.9191, 0.3778, 0.2262



21.9191, 0.5313, 0.3355



21.9191, 0.2266, 0.4776



21.9191, 0.1342, 0.2613

Sweetspot

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



21.9202, 0.3778, 0.2262



71.8770, 0.3264, 0.2971



14.0184, 0.2236, 0.1399



14.6167, 0.3289, 0.2921



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.



21.9202, 0.3778, 0.2262



28.0082, 0.3979, 0.2146



20.0626, 0.4847, 0.3042



12.5580, 0.3189, 0.3137



9.8347, 0.4285, 0.2134



0.6084, 0.4053, 0.2006

Inverse Universe

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



21.9202, 0.3778, 0.2262



28.0082, 0.3979, 0.2146



52.2932, 0.2472, 0.3617



12.5580, 0.3189, 0.3137



9.8347, 0.4285, 0.2134



0.6084, 0.4053, 0.2006

Previews

White Background



This preview shows how the Yxy color 21.9191, 0.3778, 0.2262 looks on a white background.

Color Contrast Check

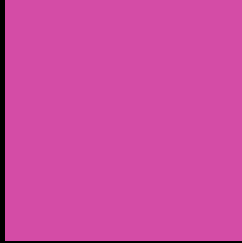
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9191, 0.3778, 0.2262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

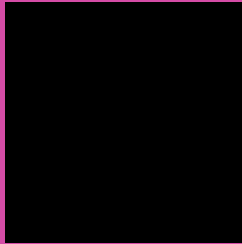
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.9191, 0.3778, 0.2262

Background



This preview shows how black text looks on a background with the Yxy color 21.9191, 0.3778, 0.2262.



This preview shows how white text looks on a background with the Yxy color 21.9191, 0.3778, 0.2262.

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

21.9191, 0.3778, 0.2262

Protanopia

22.2958, 0.2231, 0.2084

Deuteranopia

22.1594, 0.2810, 0.2766



Tritanopia

21.8706, 0.4647, 0.3209

Trichromacy



Original Color

21.9191, 0.3778, 0.2262



Protanomaly

20.1494, 0.2635, 0.2062



Deuteranomaly

20.5674, 0.3128, 0.2484



Tritanomaly

21.6815, 0.4335, 0.2843

Monochromacy



Original Color

21.9191, 0.3778, 0.2262



Achromatopsia

21.2231, 0.3127, 0.3290



Achromatomaly

19.9173, 0.3373, 0.2768

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.9191, 0.3778, 0.2262 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(212, 76, 166)` looks like.

```
.text, #text, p{  
    color:rgb(212, 76, 166)  
}
```

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(212, 76, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 76, 166) }
```

Border

The CSS property to change the border of an element to Yxy 21.9191, 0.3778, 0.2262 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(212, 76, 166) }
```

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

```
.border{ border-color:rgb(212, 76, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 76, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 76, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 76, 166);  
box-shadow:4px 4px 4px 4px rgb(212, 76,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 21.9191, 0.3778, 0.2262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 76, 166) }
```

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

```
.background{ background-color: rgb(212, 76,  
166) }
```

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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