

Converting Colors

$Y_{xy}(20.0539, 0.4243, 0.2813)$

Have a look what the booklet for
Yxy(20.0539, 0.4243, 0.2813)
contains.

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Color

Yxy(19.9328, 0.4239, 0.2806)

Conversions

Conversions Part 1

Format	Color
Hex	C6557B
RGB	198, 85, 123
RGB Percent	78%, 33%, 48%
CMY	0.2235, 0.6666, 0.5177
CMYK	0.00, 0.57, 0.38, 0.22
HSL	340°, 50%, 55%
HSV	340°, 57%, 78%
XYZ	30.1123, 19.9328, 20.9912
YIQ	123.1190, 55.1500, 35.7740

Conversions

Conversions Part 2

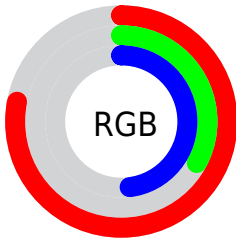
Format	Color
R_{YB}	198, 85, 123
Decimal	12998011
CIE _{Lab}	51.76, 48.78, 1.29
CIE _{LCh}	52, 48.800, 1.517
Yxy	19.9328, 0.4239, 0.2806
Android (android.graphics.Color)	4291188091 (0xFFC6557B)
YUV	123.1190, -0.0587, 65.6706
Hunter-Lab	44.6462, 42.2613, 3.3760

Details

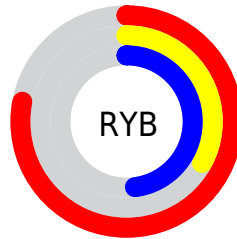
The Yxy color **19.9328, 0.4239, 0.2806** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **44.8617, 0.2623, 0.3885**, and the grayscale version is **19.8354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.8204, 0.3966, 0.2917**, and **6.9486, 0.4696, 0.2612** is the 20% darker color. If you saturate the color by 10%, you get **16.9328, 0.4558, 0.2757**, and if you desaturate by 10%, it is **23.8513, 0.3956, 0.2879**.

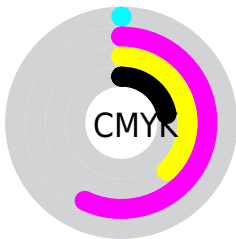
Distribution



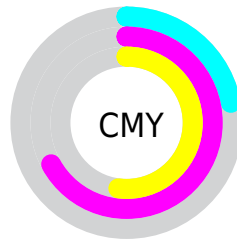
- Red (78%)
- Green (33%)
- Blue (48%)



- Red (78%)
- Yellow (33%)
- Blue (48%)



- Cyan (0%)
- Magenta (57%)
- Yellow (38%)
- Black (22%)




- Cyan (22%)
- Magenta (67%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.9328, 0.4239, 0.2806 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 19.9328, 0.4239, 0.2806 by changing the saturation by 10% instead.


 19.9328, 0.4239,
0.2806


 19.9328, 0.4239,
0.2806


251.5511, 0.3607,
0.3083


 12.3462, 0.4427,
0.2723


 43.3045, 0.3989,
0.2916


 6.9799, 0.4688,
0.2606


 59.8584, 0.3901,
0.2955

 3.4495, 0.5075,
0.2432

 80.1701, 0.3830,
0.2986

 1.3707, 0.5696,
0.2149

 104.6242, 0.3770,
0.3012

 0.1950, 0.8253,
0.1075

133.6049, 0.3720,
0.3034

 0.0000, 1.0000,
0.0000

167.4967, 0.3677,

 0.0000, 0.0000,

0.3053

0.0000

206.6840, 0.3640,
0.3069

■ 19.9328, 0.4239,
0.2806

■ 19.9328, 0.4239,
0.2806

■ 16.9328, 0.4558,
0.2757

■ 23.8513, 0.3956,
0.2879

■ 14.7715, 0.4900,
0.2743

■ 28.7529, 0.3715,
0.2965

■ 13.3607, 0.5242,
0.2776

■ 34.7001, 0.3512,
0.3056

■ 12.5797, 0.5556,
0.2856

■ 41.7492, 0.3345,
0.3146

■ 12.4063, 0.5642,
0.2882

■ 49.9525, 0.3208,
0.3232

■ 59.3590, 0.3097,
0.3313

■ 70.0147, 0.3005,
0.3388

■ 81.9633, 0.2931,
0.3457

■ 89.8954, 0.2865,
0.3435

Harmonies

Analogous

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



19.9328, 0.3325, 0.2319



19.9328, 0.4239, 0.2806



19.9328, 0.4825, 0.3405

Triad

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



19.9328, 0.4239, 0.2806



19.9328, 0.3589, 0.4967



19.9328, 0.1638, 0.2211

Complementary

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



19.9328, 0.4239, 0.2806



44.8617, 0.2623, 0.3885

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.



19.9328, 0.1680, 0.2802



19.9328, 0.4239, 0.2806



19.9328, 0.2746, 0.4653

Square

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



19.9328, 0.4239, 0.2806



19.9328, 0.4356, 0.4645



19.9328, 0.2054, 0.3739



19.9328, 0.1902, 0.1974

Rectangle

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



19.9328, 0.4239, 0.2806



19.9328, 0.4898, 0.3830



19.9328, 0.2054, 0.3739



19.9328, 0.1617, 0.2365

Sweetspot

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



19.9338, 0.4239, 0.2806



73.6751, 0.3348, 0.3144



17.8907, 0.2737, 0.1772



15.1915, 0.3380, 0.3126



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.



19.9338, 0.4239, 0.2806



29.1240, 0.4623, 0.2751



22.1565, 0.4700, 0.3509



10.6948, 0.3238, 0.3213



8.0820, 0.5607, 0.2863



0.3962, 0.5014, 0.2536

Inverse Universe

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



19.9338, 0.4239, 0.2806



29.1240, 0.4623, 0.2751



39.0795, 0.2364, 0.3031



10.6948, 0.3238, 0.3213



8.0820, 0.5607, 0.2863



0.3962, 0.5014, 0.2536

Previews

White Background



This preview shows how the Yxy color 19.9328, 0.4239, 0.2806 looks on a white background.

Color Contrast Check

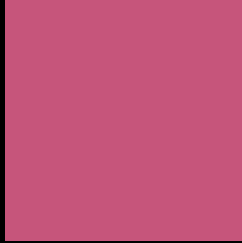
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.9328, 0.4239, 0.2806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

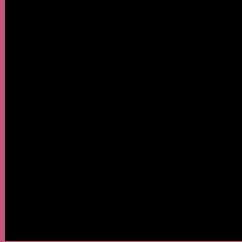
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.9328, 0.4239, 0.2806

Background



This preview shows how black text looks on a background with the Yxy color 19.9328, 0.4239, 0.2806.



This preview shows how white text looks on a background with the Yxy color 19.9328, 0.4239, 0.2806.

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

19.9328, 0.4239, 0.2806

Protanopia

20.1632, 0.2837, 0.2877

Deuteranopia

20.1442, 0.3380, 0.3326



Tritanopia

19.8926, 0.4615, 0.3217

Trichromacy



Original Color

19.9328, 0.4239, 0.2806

Protanomaly

19.0682, 0.3280, 0.2809

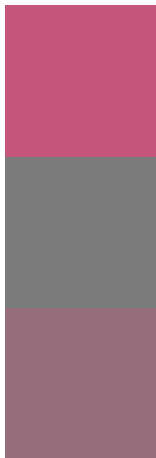
Deuteranomaly

19.3450, 0.3687, 0.3082

Tritanomaly

19.8904, 0.4483, 0.3063

Monochromacy



Original Color

19.9328, 0.4239, 0.2806

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

18.8514, 0.3504, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.9328, 0.4239, 0.2806 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(198, 85, 123)` looks like.

```
.text, #text, p{  
    color:rgb(198, 85, 123)  
}
```

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(198, 85, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 85, 123) }
```

Border

The CSS property to change the border of an element to Yxy 19.9328, 0.4239, 0.2806 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(198, 85, 123) }
```

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

```
.border{ border-color:rgb(198, 85, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 85, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 85, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 85, 123);  
box-shadow:4px 4px 4px 4px rgb(198, 85,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 19.9328, 0.4239, 0.2806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 85, 123) }
```

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

```
.background{ background-color: rgb(198, 85,  
123) }
```

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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