

Converting Colors

$Yxy(19.5227, 0.4315, 0.2836)$

Have a look what the booklet for
Yxy(19.5227, 0.4315, 0.2836)
contains.

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Color

Yxy(19.5242, 0.4313, 0.2834)

Conversions

Conversions Part 1

Format	Color
Hex	C65377
RGB	198, 83, 119
RGB Percent	78%, 33%, 47%
CMY	0.2235, 0.6745, 0.5333
CMYK	0.00, 0.58, 0.40, 0.22
HSL	341°, 50%, 55%
HSV	341°, 58%, 78%
XYZ	29.7134, 19.5242, 19.6551
YIQ	121.4890, 56.9840, 35.5760

Conversions

Conversions Part 2

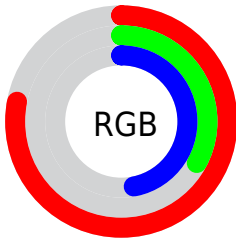
Format	Color
R_{YB}	198, 83, 119
Decimal	12997495
CIE _{Lab}	51.29, 49.28, 2.99
CIE _{LCh}	51, 49.371, 3.476
Yxy	19.5242, 0.4313, 0.2834
Android (android.graphics.Color)	4291187575 (0xFFC65377)
YUV	121.4890, -1.2271, 67.1001
Hunter-Lab	44.1862, 42.7082, 4.5567

Details

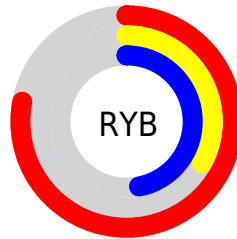
The Yxy color **19.5242, 0.4313, 0.2834** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **44.8400, 0.2603, 0.3853**, and the grayscale version is **19.2776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0916, 0.4017, 0.2938**, and **6.7692, 0.4793, 0.2633** is the 20% darker color. If you saturate the color by 10%, you get **16.6121, 0.4648, 0.2793**, and if you desaturate by 10%, it is **23.3502, 0.4014, 0.2900**.

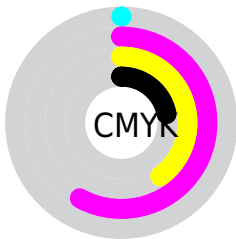
Distribution



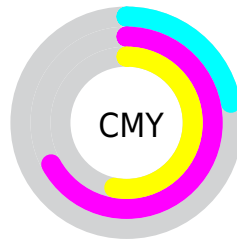
- Red (78%)
- Green (33%)
- Blue (47%)



- Red (78%)
- Yellow (33%)
- Blue (47%)



- Cyan (0%)
- Magenta (58%)
- Yellow (40%)
- Black (22%)




- Cyan (22%)
- Magenta (67%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.5242, 0.4313, 0.2834 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 19.5242, 0.4313, 0.2834 by changing the saturation by 10% instead.

 19.5242, 0.4313,
0.2834


 19.5242, 0.4313,
0.2834


249.3276, 0.3636,
0.3100


 12.0497, 0.4515,
0.2752


 42.6180, 0.4044,
0.2941


 6.7775, 0.4798,
0.2636

 59.0061, 0.3950,
0.2978

 3.3233, 0.5217,
0.2461

 79.1341, 0.3874,
0.3008

 1.3028, 0.5891,
0.2170

 103.3865, 0.3810,
0.3033

 0.1434, 0.9097,
0.0903

 132.1477, 0.3756,
0.3053

 0.0000, 1.0000,
0.0000

165.8019, 0.3710,

 0.0000, 0.0000,

0.3071

0.0000

204.7338, 0.3671,
0.3086

■ 19.5242, 0.4313,
0.2834

■ 19.5242, 0.4313,
0.2834

■ 16.6121, 0.4648,
0.2793

■ 23.3502, 0.4014,
0.2900

■ 14.5329, 0.5005,
0.2788

■ 28.1557, 0.3759,
0.2979

■ 13.1965, 0.5356,
0.2828

■ 34.0040, 0.3545,
0.3063

■ 12.4663, 0.5671,
0.2912

■ 40.9521, 0.3368,
0.3147

■ 12.3546, 0.5728,
0.2929

■ 49.0527, 0.3224,
0.3228

■ 58.3552, 0.3106,
0.3304

■ 68.9062, 0.3010,
0.3374

■ 80.7497, 0.2932,
0.3439

■ 89.9032, 0.2864,
0.3433

Harmonies

Analogous

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



19.5242, 0.3390, 0.2331



19.5242, 0.4313, 0.2834



19.5242, 0.4875, 0.3444

Triad

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



19.5242, 0.4313, 0.2834



19.5242, 0.3537, 0.5002



19.5242, 0.1624, 0.2166

Complementary

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



19.5242, 0.4313, 0.2834



44.8400, 0.2603, 0.3853

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.



19.5242, 0.1645, 0.2740



19.5242, 0.4313, 0.2834



19.5242, 0.2684, 0.4635

Square

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



19.5242, 0.4313, 0.2834



19.5242, 0.4328, 0.4698



19.5242, 0.2000, 0.3678



19.5242, 0.1911, 0.1950

Rectangle

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



19.5242, 0.4313, 0.2834



19.5242, 0.4921, 0.3876



19.5242, 0.2000, 0.3678



19.5242, 0.1597, 0.2314

Sweetspot

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



19.5252, 0.4313, 0.2834



73.6204, 0.3355, 0.3154



17.9024, 0.2771, 0.1765



15.1787, 0.3388, 0.3137



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.



19.5252, 0.4313, 0.2834



28.1743, 0.4753, 0.2787



22.5490, 0.4708, 0.3561



10.6907, 0.3241, 0.3218



8.0474, 0.5693, 0.2910



0.3943, 0.5089, 0.2577

Inverse Universe

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



19.5252, 0.4313, 0.2834



28.1743, 0.4753, 0.2787



37.3307, 0.2341, 0.2966



10.6907, 0.3241, 0.3218



8.0474, 0.5693, 0.2910



0.3943, 0.5089, 0.2577

Previews

White Background



This preview shows how the Yxy color 19.5242, 0.4313, 0.2834 looks on a white background.

Color Contrast Check

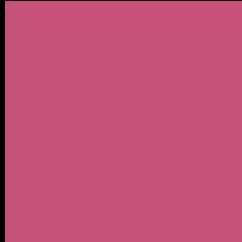
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5242, 0.4313, 0.2834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

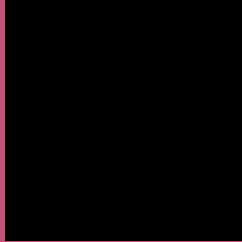
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.5242, 0.4313, 0.2834

Background



This preview shows how black text looks on a background with the Yxy color 19.5242, 0.4313, 0.2834.



This preview shows how white text looks on a background with the Yxy color 19.5242, 0.4313, 0.2834.

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

19.5242, 0.4313, 0.2834

Protanopia

19.7940, 0.2876, 0.2927

Deuteranopia

19.5750, 0.3435, 0.3362



Tritanopia

19.5234, 0.4661, 0.3218

Trichromacy



Original Color

19.5242, 0.4313, 0.2834

Protanomaly

18.7423, 0.3333, 0.2855

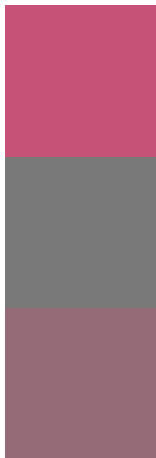
Deuteranomaly

18.8377, 0.3752, 0.3114

Tritanomaly

19.5052, 0.4544, 0.3077

Monochromacy



Original Color

19.5242, 0.4313, 0.2834

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.2610, 0.3537, 0.3070

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5242, 0.4313, 0.2834 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, 83, 119)` looks like.

```
.text, #text, p{  
    color:rgb(198, 83, 119)  
}
```

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, 83, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 83, 119) }
```

Border

The CSS property to change the border of an element to Yxy 19.5242, 0.4313, 0.2834 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, 83, 119) }
```

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

```
.border{ border-color:rgb(198, 83, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 83, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 83, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 83, 119);  
box-shadow:4px 4px 4px 4px rgb(198, 83,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5242, 0.4313, 0.2834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 83, 119) }
```

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

```
.background{ background-color: rgb(198, 83,  
119) }
```

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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