

Converting Colors

$Yxy(19.9406, 0.4340, 0.2698)$

Have a look what the booklet for
Yxy(19.9406, 0.4340, 0.2698)
contains.

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Color

Yxy(19.9406, 0.4340, 0.2698)

Conversions

Conversions Part 1

Format	Color
Hex	CF4C7E
RGB	207, 76, 126
RGB Percent	81%, 30%, 49%
CMY	0.1883, 0.7018, 0.5059
CMYK	0.00, 0.63, 0.39, 0.19
HSL	337°, 58%, 55%
HSV	337°, 63%, 81%
XYZ	32.0764, 19.9406, 21.8918
YIQ	120.8690, 62.0260, 43.3220

Conversions

Conversions Part 2

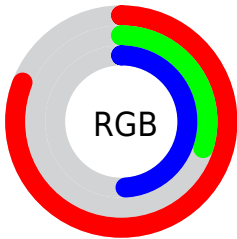
Format	Color
R_{YB}	207, 76, 126
Decimal	13585534
CIE _{Lab}	51.77, 56.00, -0.32
CIE _{LCh}	52, 56.001, 359.671
Yxy	19.9406, 0.4340, 0.2698
Android (android.graphics.Color)	4291775614 (0xFFCF4C7E)
YUV	120.8690, 2.5296, 75.5369
Hunter-Lab	44.6549, 50.0737, 2.1919

Details

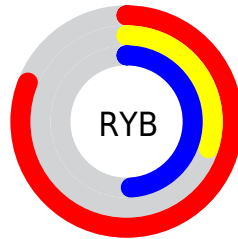
The Yxy color **19.9406, 0.4340, 0.2698** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **48.5866, 0.2624, 0.4062**, and the grayscale version is **19.0565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.7473, 0.3945, 0.2796**, and **6.9620, 0.4824, 0.2466** is the 20% darker color. If you saturate the color by 10%, you get **17.2229, 0.4649, 0.2660**, and if you desaturate by 10%, it is **23.6200, 0.4058, 0.2768**.

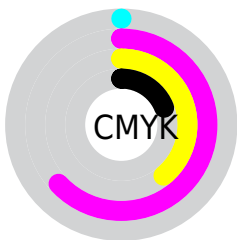
Distribution



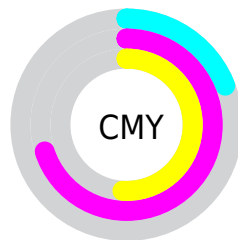
- Red (81%)
- Green (30%)
- Blue (49%)



- Red (81%)
- Yellow (30%)
- Blue (49%)



- Cyan (0%)
- Magenta (63%)
- Yellow (39%)
- Black (19%)




- Cyan (19%)
- Magenta (70%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.9406, 0.4340, 0.2698 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 19.9406, 0.4340, 0.2698 by changing the saturation by 10% instead.


 19.9406, 0.4340,
0.2698


 19.9406, 0.4340,
0.2698


251.5934, 0.3654,
0.3032


 12.3519, 0.4542,
0.2600


 43.3176, 0.4069,
0.2830


 6.9838, 0.4821,
0.2464


 59.8746, 0.3975,
0.2876

 3.4520, 0.5229,
0.2266

 80.1899, 0.3897,
0.2914

 1.3720, 0.5875,
0.1954

 104.6478, 0.3832,
0.2945

 0.1959, 0.8041,
0.0889

 133.6326, 0.3777,
0.2972

 0.0000, 1.0000,
0.0000

167.5290, 0.3730,

 0.0000, 0.0000,

0.2995

0.0000

206.7211, 0.3690,
0.3015

■ 19.9406, 0.4340,
0.2698

■ 19.9406, 0.4340,
0.2698

■ 17.2229, 0.4649,
0.2660

■ 23.6200, 0.4058,
0.2768

■ 15.3703, 0.4970,
0.2668

■ 28.3387, 0.3811,
0.2859

■ 14.2720, 0.5278,
0.2727

■ 34.1703, 0.3601,
0.2960

■ 13.8256, 0.5472,
0.2788

■ 41.1804, 0.3425,
0.3063

■ 49.4299, 0.3280,
0.3164

■ 58.9751, 0.3161,
0.3260

■ 69.8690, 0.3064,
0.3350

■ 82.1617, 0.2984,
0.3432

■ 91.1448, 0.2916,
0.3434

Harmonies

Analogous

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



19.9406, 0.3278, 0.2178



19.9406, 0.4340, 0.2698



19.9406, 0.5043, 0.3342

Triad

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



19.9406, 0.4340, 0.2698



19.9406, 0.3668, 0.5205



19.9406, 0.1466, 0.2094

Complementary

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



19.9406, 0.4340, 0.2698



48.5866, 0.2624, 0.4062

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.



19.9406, 0.1523, 0.2768



19.9406, 0.4340, 0.2698



19.9406, 0.2726, 0.4934

Square

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



19.9406, 0.4340, 0.2698



19.9406, 0.4525, 0.4745



19.9406, 0.1944, 0.3873



19.9406, 0.1731, 0.1828

Rectangle

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



19.9406, 0.4340, 0.2698



19.9406, 0.5136, 0.3805



19.9406, 0.1944, 0.3873



19.9406, 0.1448, 0.2267

Sweetspot

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



19.9417, 0.4340, 0.2698



71.1059, 0.3363, 0.3104



16.8239, 0.2631, 0.1597



14.4306, 0.3407, 0.3075



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.



19.9417, 0.4340, 0.2698



26.3718, 0.4766, 0.2657



21.3198, 0.5012, 0.3469



11.8818, 0.3232, 0.3202



8.7303, 0.5436, 0.2768



0.5034, 0.4939, 0.2495

Inverse Universe

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



19.9417, 0.4340, 0.2698



26.3718, 0.4766, 0.2657



43.6088, 0.2320, 0.3064



11.8818, 0.3232, 0.3202



8.7303, 0.5436, 0.2768



0.5034, 0.4939, 0.2495

Previews

White Background



This preview shows how the Yxy color 19.9406, 0.4340, 0.2698 looks on a white background.

Color Contrast Check

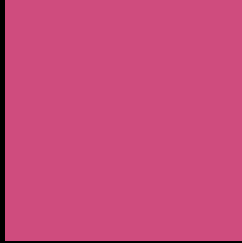
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.9406, 0.4340, 0.2698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

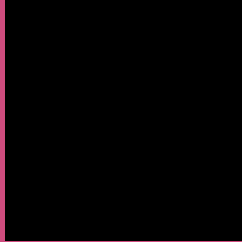
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.9406, 0.4340, 0.2698

Background



This preview shows how black text looks on a background with the Yxy color 19.9406, 0.4340, 0.2698.

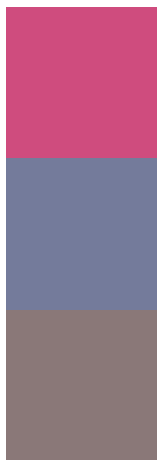


This preview shows how white text looks on a background with the Yxy color 19.9406, 0.4340, 0.2698.

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

19.9406, 0.4340, 0.2698

Protanopia

20.2455, 0.2719, 0.2725

Deuteranopia

20.1923, 0.3355, 0.3291



Tritanopia

19.8993, 0.4858, 0.3236

Trichromacy



Original Color

19.9406, 0.4340, 0.2698

Protanomaly

18.7112, 0.3221, 0.2669

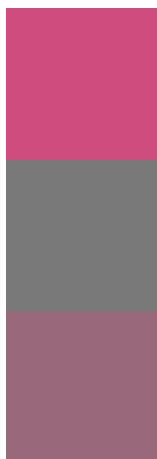
Deuteranomaly

19.0923, 0.3711, 0.3006

Tritanomaly

19.8233, 0.4686, 0.3044

Monochromacy



Original Color

19.9406, 0.4340, 0.2698

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.2086, 0.3543, 0.2990

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.9406, 0.4340, 0.2698 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(207, 76, 126)` looks like.

```
.text, #text, p{  
    color:rgb(207, 76, 126)  
}
```

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(207, 76, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 76, 126) }
```

Border

The CSS property to change the border of an element to Yxy 19.9406, 0.4340, 0.2698 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(207, 76, 126) }
```

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

```
.border{ border-color:rgb(207, 76, 126) }
```

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

Here you see how a box with a 4 pixel rgb(207, 76, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 76, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 76, 126);  
box-shadow:4px 4px 4px 4px rgb(207, 76,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 19.9406, 0.4340, 0.2698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 76, 126) }
```

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

```
.background{ background-color: rgb(207, 76,  
126) }
```

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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