

Converting Colors

$Yxy(19.4875, 0.4068, 0.2492)$

Have a look what the booklet for
Yxy(19.4875, 0.4068, 0.2492)
contains.

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Color

Yxy(19.4875, 0.4068, 0.2492)

Conversions

Conversions Part 1

Format	Color
Hex	CB4A8C
RGB	203, 74, 140
RGB Percent	80%, 29%, 55%
CMY	0.2039, 0.7098, 0.4509
CMYK	0.00, 0.64, 0.31, 0.20
HSL	329°, 55%, 54%
HSV	329°, 64%, 80%
XYZ	31.8119, 19.4875, 26.9009
YIQ	120.0950, 55.6980, 47.8740

Conversions

Conversions Part 2

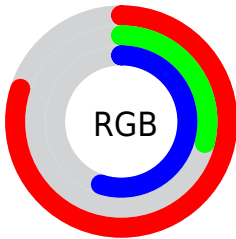
Format	Color
R_{YB}	203, 74, 140
Decimal	13322892
CIE _{Lab}	51.25, 57.27, -9.54
CIE _{LCh}	51, 58.060, 350.539
Yxy	19.4875, 0.4068, 0.2492
Android (android.graphics.Color)	4291512972 (0xFFCB4A8C)
YUV	120.0950, 9.8132, 72.7077
Hunter-Lab	44.1446, 51.3789, -5.2289

Details

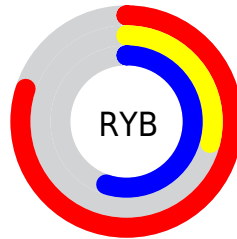
The Yxy color **19.4875, 0.4068, 0.2492** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **45.9740, 0.2715, 0.4350**, and the grayscale version is **18.7699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.1203, 0.3781, 0.2637**, and **6.7579, 0.4427, 0.2212** is the 20% darker color. If you saturate the color by 10%, you get **16.9219, 0.4298, 0.2427**, and if you desaturate by 10%, it is **22.9558, 0.3857, 0.2592**.

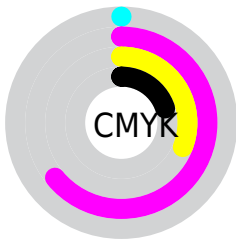
Distribution



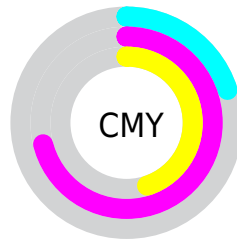
- Red (80%)
- Green (29%)
- Blue (55%)



- Red (80%)
- Yellow (29%)
- Blue (55%)



- Cyan (0%)
- Magenta (64%)
- Yellow (31%)
- Black (20%)





- Cyan (20%)
- Magenta (71%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4875, 0.4068, 0.2492 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 19.4875, 0.4068, 0.2492 by changing the saturation by 10% instead.


 19.4875, 0.4068,
0.2492


 19.4875, 0.4068,
0.2492


249.1270, 0.3545,
0.2924


 12.0231, 0.4219,
0.2373


 42.5563, 0.3864,
0.2657


 6.7594, 0.4425,
0.2214


 58.9294, 0.3791,
0.2717


 3.3121, 0.4725,
0.1991

 79.0408, 0.3732,
0.2766

 1.2968, 0.5193,
0.1660

 103.2750, 0.3682,
0.2807

 0.1387, 0.6444,
0.0515

 132.0163, 0.3640,
0.2843

 0.0000, 1.0000,
0.0000

165.6491, 0.3604,

 0.0000, 0.0000,

0.2874

0.0000

204.5579, 0.3572,
0.2900

■ 19.4875, 0.4068,
0.2492

■ 19.4875, 0.4068,
0.2492

■ 16.9219, 0.4298,
0.2427

■ 22.9558, 0.3857,
0.2592

■ 15.1675, 0.4537,
0.2407

■ 27.4003, 0.3669,
0.2714

■ 14.1189, 0.4774,
0.2442

■ 32.8906, 0.3507,
0.2847

■ 13.6936, 0.4923,
0.2486

■ 39.4888, 0.3369,
0.2984

■ 47.2523, 0.3253,
0.3118

■ 56.2343, 0.3157,
0.3246

■ 66.4850, 0.3077,
0.3367

■ 78.0514, 0.3012,
0.3479

■ 89.8862, 0.2957,
0.3565

Harmonies

Analogous

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



19.4875, 0.2951, 0.2017



19.4875, 0.4068, 0.2492



19.4875, 0.4972, 0.3123

Triad

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



19.4875, 0.4068, 0.2492



19.4875, 0.3964, 0.5189



19.4875, 0.1393, 0.2205

Complementary

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



19.4875, 0.4068, 0.2492



45.9740, 0.2715, 0.4350

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.



19.4875, 0.1554, 0.3050



19.4875, 0.4068, 0.2492



19.4875, 0.2992, 0.5210

Square

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



19.4875, 0.4068, 0.2492



19.4875, 0.4786, 0.4569



19.4875, 0.2105, 0.4287



19.4875, 0.1566, 0.1822

Rectangle

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



19.4875, 0.4068, 0.2492



19.4875, 0.5215, 0.3587



19.4875, 0.2105, 0.4287



19.4875, 0.1408, 0.2430

Sweetspot

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



19.4885, 0.4068, 0.2492



71.4568, 0.3317, 0.3042



14.4737, 0.2442, 0.1508



14.5150, 0.3352, 0.3003



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.



19.4885, 0.4068, 0.2492



27.1700, 0.4380, 0.2414



18.1186, 0.5127, 0.3272



11.3079, 0.3211, 0.3172



8.7330, 0.4893, 0.2469



0.4658, 0.4477, 0.2240

Inverse Universe

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



19.4885, 0.4068, 0.2492



27.1700, 0.4380, 0.2414



48.3781, 0.2381, 0.3319



11.3079, 0.3211, 0.3172



8.7330, 0.4893, 0.2469



0.4658, 0.4477, 0.2240

Previews

White Background



This preview shows how the Yxy color 19.4875, 0.4068, 0.2492 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 19.4875, 0.4068, 0.2492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

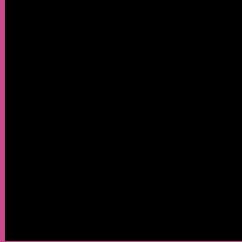
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.4875, 0.4068, 0.2492

Background



This preview shows how black text looks on a background with the Yxy color 19.4875, 0.4068, 0.2492.



This preview shows how white text looks on a background with the Yxy color 19.4875, 0.4068, 0.2492.

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

19.4875, 0.4068, 0.2492

Protanopia

19.7791, 0.2484, 0.2415

Deuteranopia

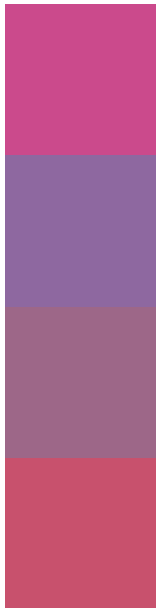
19.6329, 0.3102, 0.3039



Tritanopia

19.3944, 0.4765, 0.3221

Trichromacy



Original Color

19.4875, 0.4068, 0.2492

Protanomaly

18.1895, 0.2945, 0.2386

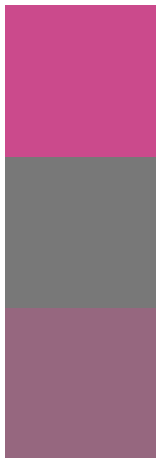
Deuteranomaly

18.6462, 0.3436, 0.2762

Tritanomaly

19.2683, 0.4513, 0.2945

Monochromacy



Original Color

19.4875, 0.4068, 0.2492

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

17.7168, 0.3465, 0.2888

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4875, 0.4068, 0.2492 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(203, 74, 140)` looks like.

```
.text, #text, p{  
    color:rgb(203, 74, 140)  
}
```

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(203, 74, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 74, 140) }
```

Border

The CSS property to change the border of an element to Yxy 19.4875, 0.4068, 0.2492 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(203, 74, 140) }
```

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

```
.border{ border-color:rgb(203, 74, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 74, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 74, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 74, 140);  
box-shadow:4px 4px 4px 4px rgb(203, 74,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4875, 0.4068, 0.2492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 74, 140) }
```

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

```
.background{ background-color: rgb(203, 74,  
140) }
```

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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