

Converting Colors

$Yxy(19.5218, 0.4162, 0.2539)$

Have a look what the booklet for
Yxy(19.5218, 0.4162, 0.2539)
contains.

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Color

Yxy(19.5218, 0.4162, 0.2539)

Conversions

Conversions Part 1

Format	Color
Hex	CD4988
RGB	205, 73, 136
RGB Percent	80%, 29%, 53%
CMY	0.1961, 0.7136, 0.4668
CMYK	0.00, 0.64, 0.34, 0.20
HSL	331°, 57%, 55%
HSV	331°, 64%, 80%
XYZ	32.0007, 19.5218, 25.3653
YIQ	119.6500, 58.4490, 47.5770

Conversions

Conversions Part 2

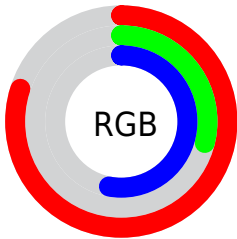
Format	Color
R_{YB}	205, 73, 136
Decimal	13453704
CIE _{Lab}	51.29, 57.79, -7.04
CIE _{LCh}	51, 58.213, 353.053
Yxy	19.5218, 0.4162, 0.2539
Android (android.graphics.Color)	4291643784 (0xFFCD4988)
YUV	119.6500, 8.0606, 74.8520
Hunter-Lab	44.1835, 51.9607, -3.1093

Details

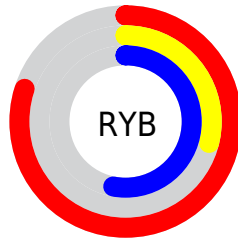
The Yxy color **19.5218, 0.4162, 0.2539** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **47.0310, 0.2688, 0.4290**, and the grayscale version is **18.6268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6346, 0.3838, 0.2676**, and **6.8749, 0.4571, 0.2292** is the 20% darker color. If you saturate the color by 10%, you get **16.9682, 0.4414, 0.2485**, and if you desaturate by 10%, it is **22.9955, 0.3930, 0.2629**.

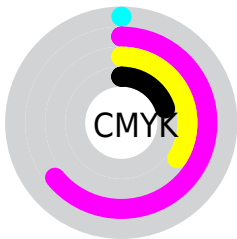
Distribution



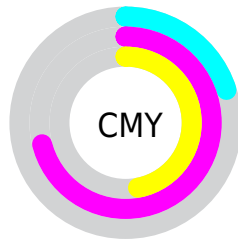
- Red (80%)
- Green (29%)
- Blue (53%)



- Red (80%)
- Yellow (29%)
- Blue (53%)



- Cyan (0%)
- Magenta (64%)
- Yellow (34%)
- Black (20%)





- Cyan (20%)
- Magenta (71%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.5218, 0.4162, 0.2539 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 19.5218, 0.4162, 0.2539 by changing the saturation by 10% instead.


 19.5218, 0.4162,
0.2539


 19.5218, 0.4162,
0.2539


249.3144, 0.3583,
0.2949


 12.0479, 0.4330,
0.2424


 42.6140, 0.3935,
0.2697

 6.7763, 0.4561,
0.2270


 59.0011, 0.3855,
0.2753


 3.3226, 0.4899,
0.2051

 79.1280, 0.3789,
0.2800

 1.3024, 0.5428,
0.1722

 103.3792, 0.3734,
0.2840

 0.1431, 0.6901,
0.0560

 132.1391, 0.3688,
0.2873

 0.0000, 1.0000,
0.0000

165.7920, 0.3648,

 0.0000, 0.0000,

0.2902

0.0000

204.7223, 0.3613,
0.2927

■ 19.5218, 0.4162,
0.2539

■ 19.5218, 0.4162,
0.2539

■ 16.9682, 0.4414,
0.2485

■ 22.9955, 0.3930,
0.2629

■ 15.2396, 0.4676,
0.2478

■ 27.4656, 0.3724,
0.2741

■ 14.2255, 0.4932,
0.2525

■ 33.0042, 0.3547,
0.2865

■ 13.8561, 0.5072,
0.2568

■ 39.6756, 0.3396,
0.2993

■ 47.5389, 0.3271,
0.3119

■ 56.6494, 0.3167,
0.3240

■ 67.0585, 0.3081,
0.3353

■ 78.8150, 0.3010,
0.3458

■ 90.3506, 0.2951,
0.3528

Harmonies

Analogous

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



19.5218, 0.3039, 0.2047



19.5218, 0.4162, 0.2539



19.5218, 0.5024, 0.3179

Triad

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



19.5218, 0.4162, 0.2539



19.5218, 0.3886, 0.5226



19.5218, 0.1393, 0.2155

Complementary

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



19.5218, 0.4162, 0.2539



47.0310, 0.2688, 0.4290

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.



19.5218, 0.1524, 0.2958



19.5218, 0.4162, 0.2539



19.5218, 0.2910, 0.5172

Square

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



19.5218, 0.4162, 0.2539



19.5218, 0.4731, 0.4632



19.5218, 0.2042, 0.4183



19.5218, 0.1593, 0.1804

Rectangle

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



19.5218, 0.4162, 0.2539



19.5218, 0.5225, 0.3646



19.5218, 0.2042, 0.4183



19.5218, 0.1398, 0.2367

Sweetspot

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



19.5228, 0.4162, 0.2539



71.3621, 0.3329, 0.3058



14.8560, 0.2477, 0.1507



14.4922, 0.3366, 0.3022



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.



19.5228, 0.4162, 0.2539



26.6295, 0.4508, 0.2476



18.5215, 0.5182, 0.3320



11.3013, 0.3217, 0.3180



8.6455, 0.5039, 0.2549



0.4613, 0.4588, 0.2301

Inverse Universe

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



19.5228, 0.4162, 0.2539



26.6295, 0.4508, 0.2476



48.4394, 0.2358, 0.3256



11.3013, 0.3217, 0.3180



8.6455, 0.5039, 0.2549



0.4613, 0.4588, 0.2301

Previews

White Background



This preview shows how the Yxy color 19.5218, 0.4162, 0.2539 looks on a white background.

Color Contrast Check

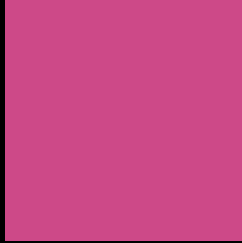
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5218, 0.4162, 0.2539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

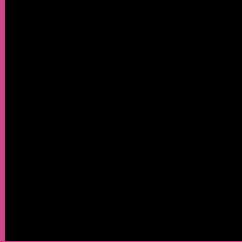
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.5218, 0.4162, 0.2539

Background



This preview shows how black text looks on a background with the Yxy color 19.5218, 0.4162, 0.2539.



This preview shows how white text looks on a background with the Yxy color 19.5218, 0.4162, 0.2539.

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

19.5218, 0.4162, 0.2539

Protanopia

19.7531, 0.2534, 0.2477

Deuteranopia

19.6842, 0.3173, 0.3111



Tritanopia

19.4794, 0.4826, 0.3235

Trichromacy



Original Color

19.5218, 0.4162, 0.2539

Protanomaly

18.2302, 0.3015, 0.2448

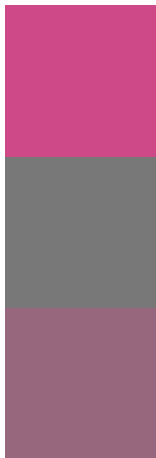
Deuteranomaly

18.5396, 0.3521, 0.2812

Tritanomaly

19.3345, 0.4592, 0.2976

Monochromacy



Original Color

19.5218, 0.4162, 0.2539

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

17.7862, 0.3493, 0.2906

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5218, 0.4162, 0.2539 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(205, 73, 136)` looks like.

```
.text, #text, p{  
    color:rgb(205, 73, 136)  
}
```

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(205, 73, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 73, 136) }
```

Border

The CSS property to change the border of an element to Yxy 19.5218, 0.4162, 0.2539 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(205, 73, 136) }
```

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

```
.border{ border-color:rgb(205, 73, 136) }
```

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

Here you see how a box with a 4 pixel rgb(205, 73, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 73, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 73, 136);  
box-shadow:4px 4px 4px 4px rgb(205, 73,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5218, 0.4162, 0.2539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 73, 136) }
```

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

```
.background{ background-color: rgb(205, 73,  
136) }
```

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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