

Converting Colors

$Yxy(19.5503, 0.4033, 0.2310)$

Have a look what the booklet for
Yxy(19.5503, 0.4033, 0.2310)
contains.

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Color

Yxy(19.4961, 0.4039, 0.2310)

Conversions

Conversions Part 1

Format	Color
Hex	D33E96
RGB	211, 62, 150
RGB Percent	83%, 24%, 59%
CMY	0.1726, 0.7568, 0.4118
CMYK	0.00, 0.71, 0.29, 0.17
HSL	325°, 63%, 54%
HSV	325°, 71%, 83%
XYZ	34.0886, 19.4961, 30.8140
YIQ	116.5830, 60.5560, 58.9560

Conversions

Conversions Part 2

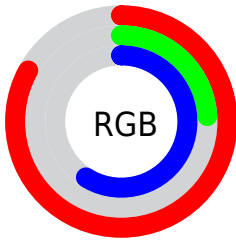
Format	Color
R_{YB}	211, 62, 150
Decimal	13844118
CIE _{Lab}	51.26, 65.32, -15.34
CIE _{LCh}	51, 67.096, 346.785
Yxy	19.4961, 0.4039, 0.2310
Android (android.graphics.Color)	4292034198 (0xFFD33E96)
YUV	116.5830, 16.4746, 82.8037
Hunter-Lab	44.1544, 60.5377, -10.4686

Details

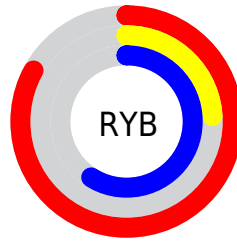
The Yxy color **19.4961, 0.4039, 0.2310** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **49.0399, 0.2759, 0.4689**, and the grayscale version is **17.5910, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2944, 0.3689, 0.2458**, and **7.5763, 0.4313, 0.2150** is the 20% darker color. If you saturate the color by 10%, you get **17.3617, 0.4229, 0.2260**, and if you desaturate by 10%, it is **22.5434, 0.3858, 0.2403**.

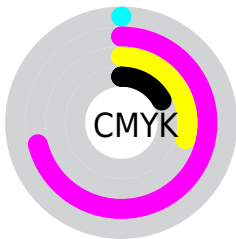
Distribution



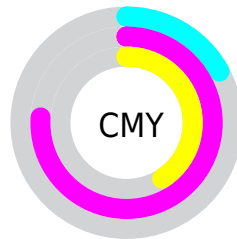
- Red (83%)
- Green (24%)
- Blue (59%)



- Red (83%)
- Yellow (24%)
- Blue (59%)



- Cyan (0%)
- Magenta (71%)
- Yellow (29%)
- Black (17%)



- Cyan (17%)
- Magenta (76%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4961, 0.4039, 0.2310 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 19.4961, 0.4039, 0.2310 by changing the saturation by 10% instead.


 19.4961, 0.4039,
0.2310

 19.4961, 0.4039,
0.2310


249.1740, 0.3541,
0.2827


 12.0293, 0.4178,
0.2173


 42.5707, 0.3848,
0.2504


 6.7636, 0.4365,
0.1994


 58.9473, 0.3779,
0.2575

 3.3147, 0.4629,
0.1750


 79.0627, 0.3722,
0.2635

 1.2982, 0.5028,
0.1404

 103.3011, 0.3675,
0.2685

 0.1398, 0.5990,
0.0404

 132.0471, 0.3634,
0.2728

 0.0000, 0.9724,
0.0000

165.6850, 0.3599,

 0.0000, 0.0000,

0.2766

0.0000

204.5991, 0.3568,
0.2798

■ 19.4961, 0.4039,
0.2310

■ 19.4961, 0.4039,
0.2310

■ 17.3617, 0.4229,
0.2260

■ 22.5434, 0.3858,
0.2403

■ 16.0271, 0.4419,
0.2261

■ 26.5932, 0.3691,
0.2528

■ 15.3176, 0.4594,
0.2305

■ 31.7276, 0.3543,
0.2672

■ 38.0194, 0.3414,
0.2827

■ 45.5350, 0.3303,
0.2983

■ 54.3358, 0.3210,
0.3136

■ 64.4790, 0.3131,
0.3281

■ 76.0182, 0.3066,
0.3418

■ 89.0043, 0.3012,
0.3546

Harmonies

Analogous

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



19.4961, 0.2768, 0.1825



19.4961, 0.4039, 0.2310



19.4961, 0.5154, 0.2975

Triad

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



19.4961, 0.4039, 0.2310



19.4961, 0.4132, 0.5350



19.4961, 0.1206, 0.2130

Complementary

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



19.4961, 0.4039, 0.2310



49.0399, 0.2759, 0.4689

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.



19.4961, 0.1410, 0.3145



19.4961, 0.4039, 0.2310



19.4961, 0.3058, 0.5600

Square

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



19.4961, 0.4039, 0.2310



19.4961, 0.5043, 0.4545



19.4961, 0.2052, 0.4644



19.4961, 0.1353, 0.1676

Rectangle

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



19.4961, 0.4039, 0.2310



19.4961, 0.5483, 0.3464



19.4961, 0.2052, 0.4644



19.4961, 0.1232, 0.2397

Sweetspot

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



19.4971, 0.4039, 0.2310



69.1306, 0.3310, 0.2973



12.2600, 0.2221, 0.1270



14.0731, 0.3339, 0.2930



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.



19.4971, 0.4039, 0.2310



25.4240, 0.4331, 0.2254



17.8303, 0.5284, 0.3149



11.9237, 0.3200, 0.3154



9.2658, 0.4568, 0.2290



0.5336, 0.4253, 0.2116

Inverse Universe

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



19.4971, 0.4039, 0.2310



25.4240, 0.4331, 0.2254



51.5989, 0.2394, 0.3504



11.9237, 0.3200, 0.3154



9.2658, 0.4568, 0.2290



0.5336, 0.4253, 0.2116

Previews

White Background



This preview shows how the Yxy color 19.4961, 0.4039, 0.2310 looks on a white background.

Color Contrast Check

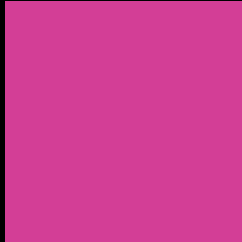
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4961, 0.4039, 0.2310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

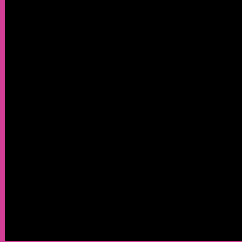
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.4961, 0.4039, 0.2310

Background



This preview shows how black text looks on a background with the Yxy color 19.4961, 0.4039, 0.2310.



This preview shows how white text looks on a background with the Yxy color 19.4961, 0.4039, 0.2310.

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

19.4961, 0.4039, 0.2310

Protanopia

19.7255, 0.2256, 0.2113

Deuteranopia

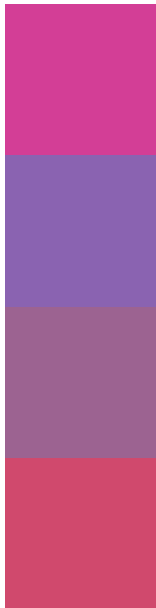
19.7459, 0.2943, 0.2898



Tritanopia

19.5150, 0.4972, 0.3239

Trichromacy



Original Color

19.4961, 0.4039, 0.2310

Protanomaly

17.5013, 0.2719, 0.2080

Deuteranomaly

18.0359, 0.3309, 0.2563

Tritanomaly

19.2791, 0.4651, 0.2878

Monochromacy



Original Color

19.4961, 0.4039, 0.2310

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

16.7137, 0.3465, 0.2758

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4961, 0.4039, 0.2310 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(211, 62, 150)` looks like.

```
.text, #text, p{  
    color:rgb(211, 62, 150)  
}
```

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(211, 62, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 62, 150) }
```

Border

The CSS property to change the border of an element to Yxy 19.4961, 0.4039, 0.2310 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(211, 62, 150) }
```

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

```
.border{ border-color:rgb(211, 62, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 62, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 62, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 62, 150);  
box-shadow:4px 4px 4px 4px rgb(211, 62,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4961, 0.4039, 0.2310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 62, 150) }
```

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

```
.background{ background-color: rgb(211, 62,  
150) }
```

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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