

Converting Colors

$Y_{xy}(19.5464, 0.3640, 0.1926)$

Have a look what the booklet for
Yxy(19.5464, 0.3640, 0.1926)
contains.

Yxy(19.5454, 0.3640, 0.1926)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.5454, 0.3640, 0.1926)

Conversions

Conversions Part 1

Format	Color
Hex	D62EB4
RGB	214, 46, 180
RGB Percent	84%, 18%, 71%
CMY	0.1609, 0.8193, 0.2942
CMYK	0.00, 0.78, 0.16, 0.16
HSL	312°, 67%, 51%
HSV	312°, 78%, 84%
XYZ	36.9394, 19.5454, 44.9970
YIQ	111.5080, 57.1140, 77.2900

Conversions

Conversions Part 2

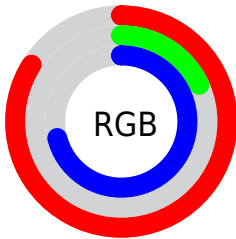
Format	Color
R _Y B	214, 46, 180
Decimal	14036660
CIE Lab	51.32, 74.71, -32.90
CIE LCh	51, 81.638, 336.231
Yxy	19.5454, 0.3640, 0.1926
Android (android.graphics.Color)	4292226740 (0xFFD62EB4)
YUV	111.5080, 33.7666, 89.8855
Hunter-Lab	44.2102, 71.7761, -29.3981

Details

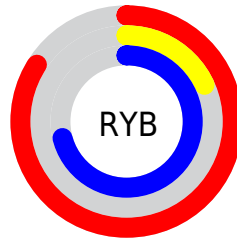
The Yxy color **19.5454, 0.3640, 0.1926** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **49.2420, 0.2907, 0.5378**, and the grayscale version is **15.9490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6850, 0.3368, 0.2099**, and **8.5009, 0.3718, 0.1822** is the 20% darker color. If you saturate the color by 10%, you get **18.0944, 0.3718, 0.1876**, and if you desaturate by 10%, it is **21.8364, 0.3560, 0.2022**.

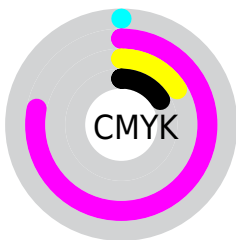
Distribution



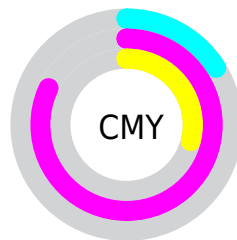
- Red (84%)
- Green (18%)
- Blue (71%)



- Red (84%)
- Yellow (18%)
- Blue (71%)



- Cyan (0%)
- Magenta (78%)
- Yellow (16%)
- Black (16%)




- Cyan (16%)
- Magenta (82%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.5454, 0.3640, 0.1926 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 19.5454, 0.3640, 0.1926 by changing the saturation by 10% instead.


 19.5454, 0.3640,
0.1926


 19.5454, 0.3640,
0.1926


249.4434, 0.3391,
0.2607


 12.0650, 0.3698,
0.1761


 42.6537, 0.3552,
0.2171

 6.7880, 0.3768,
0.1554


 59.0504, 0.3518,
0.2264


 3.3299, 0.3855,
0.1291


 79.1880, 0.3489,
0.2343

 1.3063, 0.3958,
0.0954

 103.4509, 0.3464,
0.2411

 0.1461, 0.4192,
0.0242

 132.2235, 0.3442,
0.2469

 0.0000, 0.4154,
0.0000

165.8902, 0.3423,

 0.0000, 0.0000,

0.2521

0.0000

204.8353, 0.3406,
0.2567

■ 19.5454, 0.3640,
0.1926

■ 19.5454, 0.3640,
0.1926

■ 18.0944, 0.3718,
0.1876

■ 21.8364, 0.3560,
0.2022

■ 17.3157, 0.3793,
0.1869

■ 25.0736, 0.3481,
0.2159

■ 17.2193, 0.3805,
0.1870

■ 29.3504, 0.3405,
0.2327

■ 34.7485, 0.3334,
0.2517

■ 41.3413, 0.3270,
0.2718

■ 49.1958, 0.3214,
0.2923

■ 58.3744, 0.3164,
0.3125

■ 68.9350, 0.3121,
0.3319

■ 80.9322, 0.3084,
0.3503

Harmonies

Analogous

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



19.5454, 0.2250, 0.1492



19.5454, 0.3640, 0.1926



19.5454, 0.5174, 0.2598

Triad

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



19.5454, 0.3640, 0.1926



19.5454, 0.4577, 0.5285



19.5454, 0.0970, 0.2208

Complementary

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



19.5454, 0.3640, 0.1926



49.2420, 0.2907, 0.5378

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.



19.5454, 0.1309, 0.3686



19.5454, 0.3640, 0.1926



19.5454, 0.3361, 0.6101

Square

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



19.5454, 0.3640, 0.1926



19.5454, 0.5556, 0.4235



19.5454, 0.2174, 0.5588



19.5454, 0.1019, 0.1539

Rectangle

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



19.5454, 0.3640, 0.1926



19.5454, 0.5792, 0.3102



19.5454, 0.2174, 0.5588



19.5454, 0.1032, 0.2597

Sweetspot

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



19.5464, 0.3640, 0.1926



66.2022, 0.3246, 0.2805



8.5038, 0.1836, 0.0953



13.3082, 0.3267, 0.2731



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.



19.5464, 0.3640, 0.1926



26.0896, 0.3767, 0.1868



17.1045, 0.5072, 0.2814



12.5876, 0.3168, 0.3106



10.4262, 0.3794, 0.1864



0.6400, 0.3675, 0.1798

Inverse Universe

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



19.5464, 0.3640, 0.1926



26.0896, 0.3767, 0.1868



51.3279, 0.2520, 0.4063



12.5876, 0.3168, 0.3106



10.4262, 0.3794, 0.1864



0.6400, 0.3675, 0.1798

Previews

White Background



This preview shows how the Yxy color 19.5454, 0.3640, 0.1926 looks on a white background.

Color Contrast Check

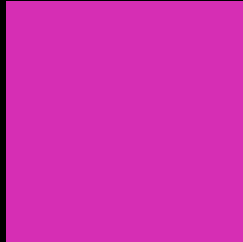
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5454, 0.3640, 0.1926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

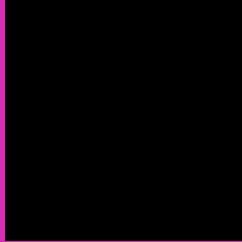
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.5454, 0.3640, 0.1926

Background



This preview shows how black text looks on a background with the Yxy color 19.5454, 0.3640, 0.1926.



This preview shows how white text looks on a background with the Yxy color 19.5454, 0.3640, 0.1926.

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

19.5454, 0.3640, 0.1926

Protanopia

20.1975, 0.1829, 0.1556

Deuteranopia

19.7652, 0.2509, 0.2446



Tritanopia

19.5359, 0.4939, 0.3238

Trichromacy



Original Color

19.5454, 0.3640, 0.1926



Protanomaly

16.0200, 0.2125, 0.1486



Deuteranomaly

17.2644, 0.2850, 0.2078



Tritanomaly

18.9002, 0.4487, 0.2695

Monochromacy



Original Color

19.5454, 0.3640, 0.1926



Achromatopsia

16.2029, 0.3127, 0.3290



Achromatomaly

15.1752, 0.3339, 0.2484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5454, 0.3640, 0.1926 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(214, 46, 180)` looks like.

```
.text, #text, p{  
    color:rgb(214, 46, 180)  
}
```

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(214, 46, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 46, 180) }
```

Border

The CSS property to change the border of an element to Yxy 19.5454, 0.3640, 0.1926 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(214, 46, 180) }
```

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

```
.border{ border-color:rgb(214, 46, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 46, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 46, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 46, 180);  
box-shadow:4px 4px 4px 4px rgb(214, 46,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5454, 0.3640, 0.1926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 46, 180) }
```

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

```
.background{ background-color: rgb(214, 46,  
180) }
```

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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