

Converting Colors

$Yxy(18.6648, 0.4148, 0.2264)$

Have a look what the booklet for
Yxy(18.6648, 0.4148, 0.2264)
contains.

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Color

Yxy(18.5994, 0.4153, 0.2266)

Conversions

Conversions Part 1

Format	Color
Hex	D63193
RGB	214, 49, 147
RGB Percent	84%, 19%, 58%
CMY	0.1609, 0.8075, 0.4236
CMYK	0.00, 0.77, 0.31, 0.16
HSL	324°, 67%, 52%
HSV	324°, 77%, 84%
XYZ	34.0880, 18.5994, 29.3930
YIQ	109.5070, 66.8820, 65.4580

Conversions

Conversions Part 2

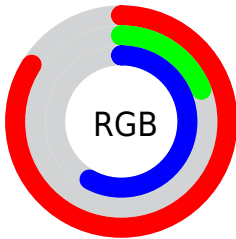
Format	Color
R _Y B	214, 49, 147
Decimal	14037395
CIE _{Lab}	50.22, 69.83, -15.09
CIE _{LCh}	50, 71.444, 347.803
Yxy	18.5994, 0.4153, 0.2266
Android (android.graphics.Color)	4292227475 (0xFFD63193)
YUV	109.5070, 18.4840, 91.6404
Hunter-Lab	43.1270, 65.6156, -10.2198

Details

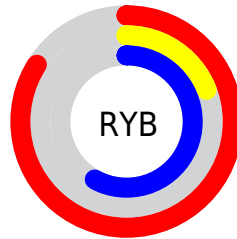
The Yxy color **18.5994, 0.4153, 0.2266** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **49.9923, 0.2760, 0.4847**, and the grayscale version is **15.3869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.0654, 0.3738, 0.2407**, and **7.7146, 0.4424, 0.2211** is the 20% darker color. If you saturate the color by 10%, you get **16.9500, 0.4342, 0.2248**, and if you desaturate by 10%, it is **21.1205, 0.3967, 0.2333**.

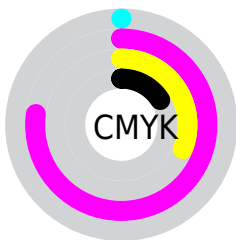
Distribution



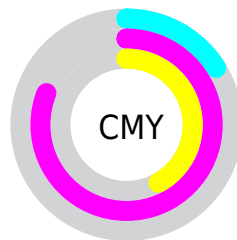
- Red (84%)
- Green (19%)
- Blue (58%)



- Red (84%)
- Yellow (19%)
- Blue (58%)



- Cyan (0%)
- Magenta (77%)
- Yellow (31%)
- Black (16%)




- Cyan (16%)
- Magenta (81%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.5994, 0.4153, 0.2266 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 18.5994, 0.4153, 0.2266 by changing the saturation by 10% instead.


 18.5994, 0.4153,
0.2266


 18.5994, 0.4153,
0.2266

244.2282, 0.3589,
0.2809


 11.3812, 0.4311,
0.2122


 41.0561, 0.3935,
0.2470

 6.3238, 0.4526,
0.1933


 57.0633, 0.3858,
0.2545


 3.0430, 0.4830,
0.1676

 76.7690, 0.3793,
0.2607

 1.1542, 0.5290,
0.1314

 100.5576, 0.3739,
0.2660

 0.0238, 0.6514,
0.0075

 128.8134, 0.3693,
0.2705

 0.0000, 1.0000,
0.0000

161.9208, 0.3654,

 0.0000, 0.0000,

0.2744

0.0000

200.2643, 0.3620,
0.2779

■ 18.5994, 0.4153,
0.2266

■ 18.5994, 0.4153,
0.2266

■ 16.9500, 0.4342,
0.2248

■ 21.1205, 0.3967,
0.2333

■ 16.0285, 0.4528,
0.2283


■ 24.6169, 0.3792,
0.2439


■ 15.8245, 0.4582,
0.2298


■ 29.1809, 0.3633,
0.2573


■ 34.8929, 0.3493,
0.2723

■ 41.8259, 0.3371,
0.2880

 50.0465, 0.3267,
0.3036

 59.6167, 0.3180,
0.3188

 70.5942, 0.3107,
0.3331

 83.0335, 0.3046,
0.3466

Harmonies

Analogous

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



18.5994, 0.2776, 0.1753



18.5994, 0.4153, 0.2266



18.5994, 0.5339, 0.2958

Triad

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



18.5994, 0.4153, 0.2266



18.5994, 0.4112, 0.5493



18.5994, 0.1103, 0.2016

Complementary

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



18.5994, 0.4153, 0.2266



49.9923, 0.2760, 0.4847

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.



18.5994, 0.1288, 0.3067



18.5994, 0.4153, 0.2266



18.5994, 0.2977, 0.5795

Square

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



18.5994, 0.4153, 0.2266



18.5994, 0.5105, 0.4602



18.5994, 0.1931, 0.4714



18.5994, 0.1269, 0.1571

Rectangle

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



18.5994, 0.4153, 0.2266



18.5994, 0.5655, 0.3462



18.5994, 0.1931, 0.4714



18.5994, 0.1122, 0.2286

Sweetspot

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



18.6004, 0.4153, 0.2266



66.6775, 0.3329, 0.2940



10.7037, 0.2124, 0.1120



13.3624, 0.3369, 0.2882



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.



18.6004, 0.4153, 0.2266



24.3024, 0.4452, 0.2263



16.8824, 0.5574, 0.3158



12.5433, 0.3199, 0.3152



9.5896, 0.4556, 0.2284



0.5946, 0.4261, 0.2121

Inverse Universe

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



18.6004, 0.4153, 0.2266



24.3024, 0.4452, 0.2263



52.7831, 0.2368, 0.3527



12.5433, 0.3199, 0.3152



9.5896, 0.4556, 0.2284



0.5946, 0.4261, 0.2121

Previews

White Background



This preview shows how the Yxy color 18.5994, 0.4153, 0.2266 looks on a white background.

Color Contrast Check

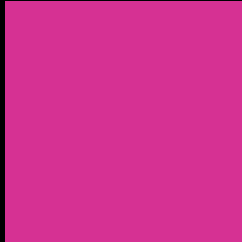
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.5994, 0.4153, 0.2266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

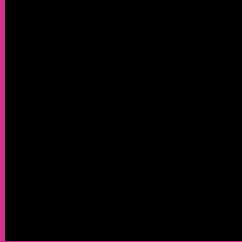
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.5994, 0.4153, 0.2266

Background



This preview shows how black text looks on a background with the Yxy color 18.5994, 0.4153, 0.2266.



This preview shows how white text looks on a background with the Yxy color 18.5994, 0.4153, 0.2266.

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

18.5994, 0.4153, 0.2266

Protanopia

19.0662, 0.2177, 0.2019

Deuteranopia

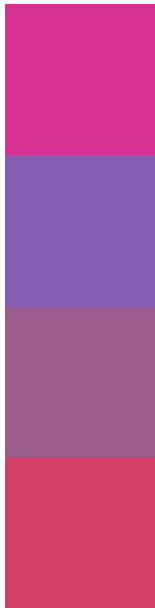
18.7685, 0.2962, 0.2908



Tritanopia

18.7118, 0.5203, 0.3254

Trichromacy



Original Color

18.5994, 0.4153, 0.2266

Protanomaly

16.1114, 0.2657, 0.1965

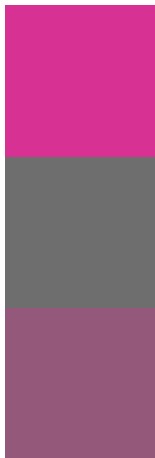
Deuteranomaly

16.6453, 0.3374, 0.2513

Tritanomaly

18.4750, 0.4854, 0.2884

Monochromacy



Original Color

18.5994, 0.4153, 0.2266

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

14.7054, 0.3534, 0.2696

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.5994, 0.4153, 0.2266 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, 49, 147)` looks like.

```
.text, #text, p{  
    color:rgb(214, 49, 147)  
}
```

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, 49, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 49, 147) }
```

Border

The CSS property to change the border of an element to Yxy 18.5994, 0.4153, 0.2266 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, 49, 147) }
```

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

```
.border{ border-color:rgb(214, 49, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 49, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 49, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 49, 147);  
box-shadow:4px 4px 4px 4px rgb(214, 49,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 18.5994, 0.4153, 0.2266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 49, 147) }
```

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

```
.background{ background-color: rgb(214, 49,  
147) }
```

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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