

Converting Colors

$Y_{xy}(19.4291, 0.3928, 0.1984)$

Have a look what the booklet for
Yxy(19.4291, 0.3928, 0.1984)
contains.

Yxy(19.4004, 0.3916, 0.1979)	3
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Color

Yxy(19.4004, 0.3916, 0.1979)

Conversions

Conversions Part 1

Format	Color
Hex	E017AB
RGB	224, 23, 171
RGB Percent	88%, 9%, 67%
CMY	0.1217, 0.9091, 0.3295
CMYK	0.00, 0.90, 0.24, 0.12
HSL	316°, 81%, 48%
HSV	316°, 90%, 88%
XYZ	38.3891, 19.4004, 40.2419
YIQ	99.9710, 72.2880, 88.6400

Conversions

Conversions Part 2

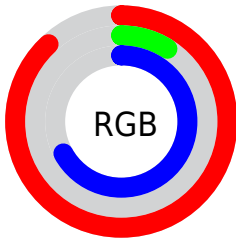
Format	Color
R_{YB}	224, 23, 171
Decimal	14686123
CIE _{Lab}	51.15, 80.15, -27.75
CIE _{LCh}	51, 84.813, 340.903
Yxy	19.4004, 0.3916, 0.1979
Android (android.graphics.Color)	4292876203 (0xFFE017AB)
YUV	99.9710, 35.0173, 108.7734
Hunter-Lab	44.0459, 78.4949, -23.3373

Details

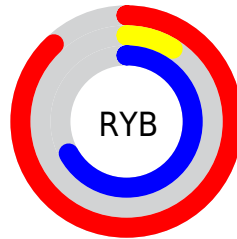
The Yxy color **19.4004, 0.3916, 0.1979** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **54.0024, 0.2886, 0.5504**, and the grayscale version is **12.6548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.1134, 0.3467, 0.2095**, and **9.2005, 0.4064, 0.2013** is the 20% darker color. If you saturate the color by 10%, you get **18.5784, 0.4021, 0.1990**, and if you desaturate by 10%, it is **20.9325, 0.3808, 0.2012**.

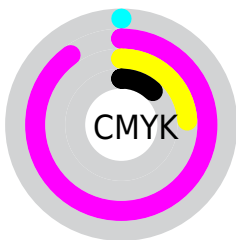
Distribution



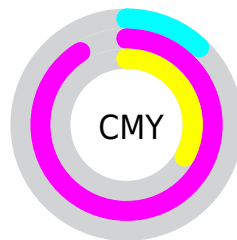
- Red (88%)
- Green (9%)
- Blue (67%)



- Red (88%)
- Yellow (9%)
- Blue (67%)



- Cyan (0%)
- Magenta (90%)
- Yellow (24%)
- Black (12%)




- Cyan (12%)
- Magenta (91%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.4004, 0.3916, 0.1979 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 19.4004, 0.3916, 0.1979 by changing the saturation by 10% instead.


 19.4004, 0.3916,
0.1979


 19.4004, 0.3916,
0.1979


248.6504, 0.3509,
0.2640


 11.9600, 0.4020,
0.1817


 42.4096, 0.3766,
0.2218


 6.7164, 0.4153,
0.1612


 58.7471, 0.3710,
0.2308


 3.2854, 0.4330,
0.1348


 78.8192, 0.3664,
0.2385

 1.2825, 0.4571,
0.1006

 103.0101, 0.3624,
0.2451

 0.1276, 0.5083,
0.0233

 131.7042, 0.3589,
0.2507

 0.0000, 0.5433,
0.0000

 165.2861, 0.3559,

 0.0000, 0.0000,

0.2557

0.0000

204.1400, 0.3533,
0.2601

■ 19.4004, 0.3916,
0.1979

■ 19.4004, 0.3916,
0.1979

■ 18.5784, 0.4021,
0.1990

■ 20.9325, 0.3808,
0.2012

■ 18.5542, 0.4025,
0.1991

■ 23.3826, 0.3698,
0.2093

■ 26.8768, 0.3591,
0.2215

■ 31.5210, 0.3490,
0.2370

■ 37.4077, 0.3398,
0.2547

■ 44.6200, 0.3315,
0.2735

■ 53.2340, 0.3242,
0.2927

■ 63.3198, 0.3179,
0.3115

■ 74.9428, 0.3125,
0.3296

Harmonies

Analogous

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



19.4004, 0.2404, 0.1494



19.4004, 0.3916, 0.1979



19.4004, 0.5448, 0.2684

Triad

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



19.4004, 0.3916, 0.1979



19.4004, 0.4404, 0.5498



19.4004, 0.0901, 0.2010

Complementary

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



19.4004, 0.3916, 0.1979



54.0024, 0.2886, 0.5504

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.



19.4004, 0.1164, 0.3389



19.4004, 0.3916, 0.1979



19.4004, 0.3138, 0.6256

Square

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



19.4004, 0.3916, 0.1979



19.4004, 0.5487, 0.4386



19.4004, 0.1955, 0.5441



19.4004, 0.1007, 0.1433

Rectangle

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



19.4004, 0.3916, 0.1979



19.4004, 0.5957, 0.3198



19.4004, 0.1955, 0.5441



19.4004, 0.0941, 0.2360

Sweetspot

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



19.4014, 0.3916, 0.1979



62.5457, 0.3296, 0.2782



7.4304, 0.1740, 0.0782



12.5965, 0.3322, 0.2717



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.



19.4014, 0.3916, 0.1979



24.8786, 0.4032, 0.1995



16.9477, 0.5645, 0.2966



13.8706, 0.3178, 0.3119



10.8232, 0.4009, 0.1982



0.7647, 0.3858, 0.1899

Inverse Universe

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



19.4014, 0.3916, 0.1979



24.8786, 0.4032, 0.1995



56.5255, 0.2470, 0.4033



13.8706, 0.3178, 0.3119



10.8232, 0.4009, 0.1982



0.7647, 0.3858, 0.1899

Previews

White Background



This preview shows how the Yxy color 19.4004, 0.3916, 0.1979 looks on a white background.

Color Contrast Check

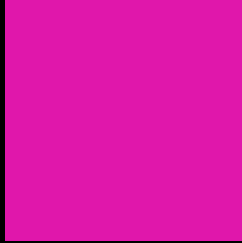
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4004, 0.3916, 0.1979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

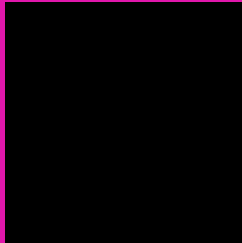
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.4004, 0.3916, 0.1979

Background



This preview shows how black text looks on a background with the Yxy color 19.4004, 0.3916, 0.1979.



This preview shows how white text looks on a background with the Yxy color 19.4004, 0.3916, 0.1979.

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

19.4004, 0.3916, 0.1979

Protanopia

20.1630, 0.1834, 0.1564

Deuteranopia

19.7902, 0.2650, 0.2606



Tritanopia

19.4737, 0.5310, 0.3257

Trichromacy



Original Color

19.4004, 0.3916, 0.1979



Protanomaly

14.7577, 0.2160, 0.1433



Deuteranomaly

16.0474, 0.3050, 0.2103



Tritanomaly

18.7104, 0.4869, 0.2740

Monochromacy



Original Color

19.4004, 0.3916, 0.1979



Achromatopsia

12.7438, 0.3127, 0.3290



Achromatomaly

12.1608, 0.3478, 0.2381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4004, 0.3916, 0.1979 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(224, 23, 171)` looks like.

```
.text, #text, p{  
    color:rgb(224, 23, 171)  
}
```

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(224, 23, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 23, 171) }
```

Border

The CSS property to change the border of an element to Yxy 19.4004, 0.3916, 0.1979 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(224, 23, 171) }
```

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

```
.border{ border-color:rgb(224, 23, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 23, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 23, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 23, 171);  
box-shadow:4px 4px 4px 4px rgb(224, 23,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4004, 0.3916, 0.1979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 23, 171) }
```

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

```
.background{ background-color: rgb(224, 23,  
171) }
```

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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