

Converting Colors

$Yxy(19.7475, 0.3854, 0.1942)$

Have a look what the booklet for
Yxy(19.7475, 0.3854, 0.1942)
contains.

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Color

Yxy(19.7549, 0.3851, 0.1941)

Conversions

Conversions Part 1

Format	Color
Hex	E117B0
RGB	225, 23, 176
RGB Percent	88%, 9%, 69%
CMY	0.1177, 0.9097, 0.3098
CMYK	0.00, 0.90, 0.22, 0.12
HSL	315°, 81%, 49%
HSV	315°, 90%, 88%
XYZ	39.1943, 19.7549, 42.8277
YIQ	100.8400, 71.2790, 90.4070

Conversions

Conversions Part 2

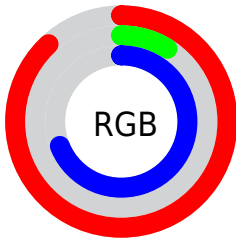
Format	Color
R_{YB}	225, 23, 176
Decimal	14751664
CIE _{Lab}	51.56, 80.96, -30.06
CIE _{LCh}	52, 86.359, 339.632
Yxy	19.7549, 0.3851, 0.1941
Android (android.graphics.Color)	4292941744 (0xFFE117B0)
YUV	100.8400, 37.0539, 108.8883
Hunter-Lab	44.4465, 79.6255, -26.0181

Details

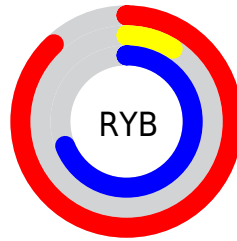
The Yxy color **19.7549, 0.3851, 0.1941** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **54.4992, 0.2900, 0.5555**, and the grayscale version is **12.8636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.3936, 0.3415, 0.2056**, and **9.4294, 0.3971, 0.1961** is the 20% darker color. If you saturate the color by 10%, you get **18.9418, 0.3945, 0.1948**, and if you desaturate by 10%, it is **21.2797, 0.3754, 0.1977**.

Distribution



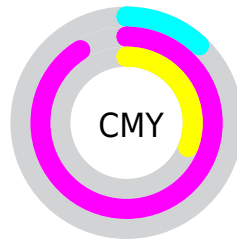
- Red (88%)
- Green (9%)
- Blue (69%)



- Red (88%)
- Yellow (9%)
- Blue (69%)



- Cyan (0%)
- Magenta (90%)
- Yellow (22%)
- Black (12%)




- Cyan (12%)
- Magenta (91%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.7549, 0.3851, 0.1941 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 19.7549, 0.3851, 0.1941 by changing the saturation by 10% instead.


 19.7549, 0.3851,
0.1941


 19.7549, 0.3851,
0.1941


250.5851, 0.3484,
0.2615


 12.2170, 0.3942,
0.1778


 43.0059, 0.3718,
0.2183


 6.8916, 0.4057,
0.1573


 59.4877, 0.3668,
0.2275


 3.3944, 0.4207,
0.1311


 79.7197, 0.3625,
0.2353

 1.3410, 0.4406,
0.0975

 104.0862, 0.3589,
0.2421

 0.1726, 0.4804,
0.0284

 132.9716, 0.3558,
0.2479

 0.0000, 0.5055,
0.0000

166.7603, 0.3530,

 0.0000, 1.0000,

0.2530

0.0000

205.8367, 0.3506,
0.2575

■ 0.0000, 0.0000,
0.0000

■ 19.7549, 0.3851,
0.1941

■ 19.7549, 0.3851,
0.1941

■ 18.9418, 0.3945,
0.1948

■ 21.2797, 0.3754,
0.1977

■ 18.9255, 0.3947,
0.1948

■ 23.7290, 0.3655,
0.2061

■ 27.2310, 0.3557,
0.2186

■ 31.8926, 0.3465,
0.2345

■ 37.8076, 0.3380,
0.2525

■ 45.0602, 0.3303,
0.2718

■ 53.7272, 0.3235,
0.2914

■ 63.8796, 0.3176,
0.3108

■ 75.5837, 0.3126,
0.3294

Harmonies

Analogous

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



19.7549, 0.2344, 0.1466



19.7549, 0.3851, 0.1941



19.7549, 0.5423, 0.2643

Triad

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



19.7549, 0.3851, 0.1941



19.7549, 0.4460, 0.5467



19.7549, 0.0888, 0.2034

Complementary

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



19.7549, 0.3851, 0.1941



54.4992, 0.2900, 0.5555

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.



19.7549, 0.1168, 0.3468



19.7549, 0.3851, 0.1941



19.7549, 0.3181, 0.6279

Square

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



19.7549, 0.3851, 0.1941



19.7549, 0.5538, 0.4340



19.7549, 0.1985, 0.5548



19.7549, 0.0981, 0.1431

Rectangle

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



19.7549, 0.3851, 0.1941



19.7549, 0.5970, 0.3157



19.7549, 0.1985, 0.5548



19.7549, 0.0933, 0.2400

Sweetspot

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



19.7559, 0.3851, 0.1941



62.6318, 0.3285, 0.2768



7.3577, 0.1719, 0.0770



12.6171, 0.3309, 0.2701



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.



19.7559, 0.3851, 0.1941



25.1171, 0.3953, 0.1951



17.1551, 0.5595, 0.2936



13.8758, 0.3175, 0.3114



10.9254, 0.3933, 0.1940



0.7711, 0.3798, 0.1866

Inverse Universe

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



19.7559, 0.3851, 0.1941



25.1171, 0.3953, 0.1951



56.9768, 0.2485, 0.4088



13.8758, 0.3175, 0.3114



10.9254, 0.3933, 0.1940



0.7711, 0.3798, 0.1866

Previews

White Background



This preview shows how the Yxy color 19.7549, 0.3851, 0.1941 looks on a white background.

Color Contrast Check

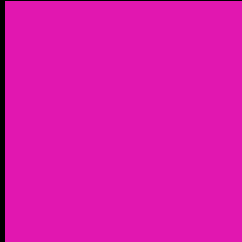
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7549, 0.3851, 0.1941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

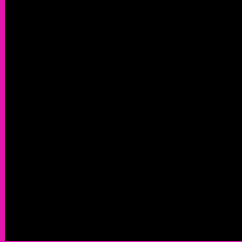
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.7549, 0.3851, 0.1941

Background



This preview shows how black text looks on a background with the Yxy color 19.7549, 0.3851, 0.1941.



This preview shows how white text looks on a background with the Yxy color 19.7549, 0.3851, 0.1941.

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

19.7549, 0.3851, 0.1941

Protanopia

20.5995, 0.1797, 0.1518

Deuteranopia

20.1464, 0.2599, 0.2547



Tritanopia

19.9082, 0.5274, 0.3257

Trichromacy



Original Color

19.7549, 0.3851, 0.1941



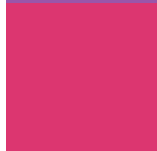
Protanomaly

14.8433, 0.2084, 0.1383



Deuteranomaly

16.3902, 0.2990, 0.2058



Tritanomaly

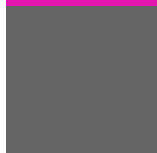
19.0238, 0.4822, 0.2718

Monochromacy



Original Color

19.7549, 0.3851, 0.1941



Achromatopsia

13.0136, 0.3127, 0.3290



Achromatomaly

12.4346, 0.3458, 0.2371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.7549, 0.3851, 0.1941 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(225, 23, 176)` looks like.

```
.text, #text, p{  
  color:rgb(225, 23, 176)  
}
```

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(225, 23, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 23, 176) }
```

Border

The CSS property to change the border of an element to Yxy 19.7549, 0.3851, 0.1941 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(225, 23, 176) }
```

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

```
.border{ border-color:rgb(225, 23, 176) }
```

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

Here you see how a box with a 4 pixel rgb(225, 23, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 23, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 23, 176);  
box-shadow:4px 4px 4px 4px rgb(225, 23,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 19.7549, 0.3851, 0.1941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 23, 176) }
```

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

```
.background{ background-color: rgb(225, 23,  
176) }
```

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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