

Converting Colors

$Yxy(19.4277, 0.4589, 0.2344)$

Have a look what the booklet for
Yxy(19.4277, 0.4589, 0.2344)
contains.

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Color

Yxy(19.4277, 0.4589, 0.2344)

Conversions

Conversions Part 1

Format	Color
Hex	E81389
RGB	232, 19, 137
RGB Percent	91%, 7%, 54%
CMY	0.0901, 0.9260, 0.4627
CMYK	0.00, 0.92, 0.41, 0.09
HSL	327°, 85%, 49%
HSV	327°, 92%, 91%
XYZ	38.0349, 19.4277, 25.4201
YIQ	96.1390, 89.0700, 81.8540

Conversions

Conversions Part 2

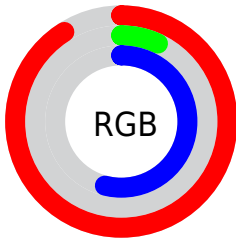
Format	Color
R_{YB}	232, 19, 137
Decimal	15209353
CIE _{Lab}	51.18, 78.87, -7.32
CIE _{LCh}	51, 79.208, 354.700
Yxy	19.4277, 0.4589, 0.2344
Android (android.graphics.Color)	4293399433 (0xFFE81389)
YUV	96.1390, 20.1445, 119.1501
Hunter-Lab	44.0769, 76.8969, -3.3401

Details

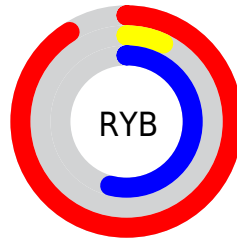
The Yxy color **19.4277, 0.4589, 0.2344** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **59.0783, 0.2753, 0.5057**, and the grayscale version is **11.6508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.0920, 0.3891, 0.2408**, and **9.2342, 0.4897, 0.2471** is the 20% darker color. If you saturate the color by 10%, you get **18.7350, 0.4757, 0.2394**, and if you desaturate by 10%, it is **20.9401, 0.4376, 0.2325**.

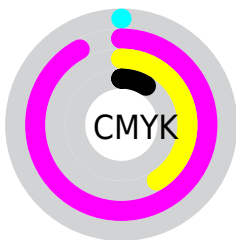
Distribution



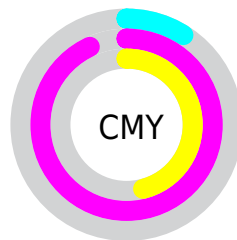
- Red (91%)
- Green (7%)
- Blue (54%)



- Red (91%)
- Yellow (7%)
- Blue (54%)



- Cyan (0%)
- Magenta (92%)
- Yellow (41%)
- Black (9%)



- Cyan (9%)
- Magenta (93%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4277, 0.4589, 0.2344 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 19.4277, 0.4589, 0.2344 by changing the saturation by 10% instead.


 19.4277, 0.4589,
0.2344


 19.4277, 0.4589,
0.2344


248.7998, 0.3777,
0.2856


 11.9797, 0.4820,
0.2205


 42.4556, 0.4273,
0.2539


 6.7299, 0.5132,
0.2020


 58.8043, 0.4161,
0.2609

 3.2937, 0.5575,
0.1766

 78.8887, 0.4069,
0.2668

 1.2869, 0.6240,
0.1402

 103.0931, 0.3991,
0.2717

 0.1311, 0.7760,
0.0374

 131.8021, 0.3925,
0.2759

 0.0000, 1.0000,
0.0000

 165.3999, 0.3869,

 0.0000, 0.0000,

0.2796

0.0000

204.2711, 0.3820,
0.2828

■ 19.4277, 0.4589,
0.2344

■ 19.4277, 0.4589,
0.2344

■ 18.7350, 0.4757,
0.2394

■ 20.9401, 0.4376,
0.2325

■ 23.4321, 0.4162,
0.2359

■ 27.0489, 0.3957,
0.2439

■ 31.9103, 0.3769,
0.2552

■ 38.1206, 0.3601,
0.2687

45.7733, 0.3456,
0.2833

54.9532, 0.3332,
0.2981

65.7387, 0.3228,
0.3126

78.2026, 0.3142,
0.3265

Harmonies

Analogous

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



19.4277, 0.3054, 0.1755



19.4277, 0.4589, 0.2344



19.4277, 0.5698, 0.3080

Triad

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



19.4277, 0.4589, 0.2344



19.4277, 0.3840, 0.5815



19.4277, 0.0998, 0.1759

Complementary

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



19.4277, 0.4589, 0.2344



59.0783, 0.2753, 0.5057

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.



19.4277, 0.1085, 0.2690



19.4277, 0.4589, 0.2344



19.4277, 0.2641, 0.5930

Square

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



19.4277, 0.4589, 0.2344



19.4277, 0.4977, 0.4859



19.4277, 0.1619, 0.4422



19.4277, 0.1248, 0.1418

Rectangle

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



19.4277, 0.4589, 0.2344



19.4277, 0.5843, 0.3608



19.4277, 0.1619, 0.4422



19.4277, 0.0987, 0.1987

Sweetspot

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



19.4288, 0.4589, 0.2344



60.7122, 0.3408, 0.2888



9.6847, 0.1977, 0.0895



12.0010, 0.3464, 0.2824



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.



19.4288, 0.4589, 0.2344



23.1932, 0.4767, 0.2400



17.7324, 0.6188, 0.3247



14.5011, 0.3206, 0.3160



10.4239, 0.4725, 0.2377



0.7889, 0.4443, 0.2221

Inverse Universe

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



19.4288, 0.4589, 0.2344



23.1932, 0.4767, 0.2400



62.9185, 0.2309, 0.3479



14.5011, 0.3206, 0.3160



10.4239, 0.4725, 0.2377



0.7889, 0.4443, 0.2221

Previews

White Background



This preview shows how the Yxy color 19.4277, 0.4589, 0.2344 looks on a white background.

Color Contrast Check

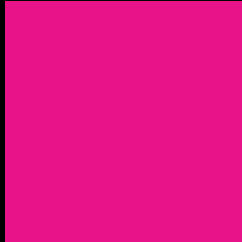
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4277, 0.4589, 0.2344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

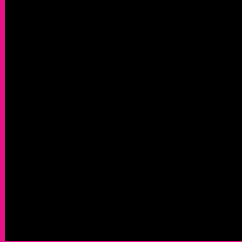
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.4277, 0.4589, 0.2344

Background



This preview shows how black text looks on a background with the Yxy color 19.4277, 0.4589, 0.2344.



This preview shows how white text looks on a background with the Yxy color 19.4277, 0.4589, 0.2344.

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

19.4277, 0.4589, 0.2344

Protanopia

20.0478, 0.2234, 0.2092

Deuteranopia

19.7125, 0.3209, 0.3147



Tritanopia

19.4647, 0.5710, 0.3283

Trichromacy



Original Color

19.4277, 0.4589, 0.2344



Protanomaly

15.4164, 0.2820, 0.1933



Deuteranomaly

16.2602, 0.3728, 0.2574



Tritanomaly

19.0739, 0.5383, 0.2942

Monochromacy



Original Color

19.4277, 0.4589, 0.2344



Achromatopsia

11.6971, 0.3127, 0.3290



Achromatomaly

11.3017, 0.3754, 0.2553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4277, 0.4589, 0.2344 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(232, 19, 137)` looks like.

```
.text, #text, p{  
    color:rgb(232, 19, 137)  
}
```

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(232, 19, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 19, 137) }
```

Border

The CSS property to change the border of an element to Yxy 19.4277, 0.4589, 0.2344 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(232, 19, 137) }
```

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

```
.border{ border-color:rgb(232, 19, 137) }
```

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

Here you see how a box with a 4 pixel rgb(232, 19, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 19, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 19, 137);  
box-shadow:4px 4px 4px 4px rgb(232, 19,  
137) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 19.4277, 0.4589, 0.2344$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 19, 137) }
```

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

```
.background{ background-color: rgb(232, 19,  
137) }
```

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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