

Converting Colors

$Yxy(19.3164, 0.4752, 0.2454)$

Have a look what the booklet for
Yxy(19.3164, 0.4752, 0.2454)
contains.

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Color

Yxy(19.3414, 0.4762, 0.2460)

Conversions

Conversions Part 1

Format	Color
Hex	E8187F
RGB	232, 24, 127
RGB Percent	91%, 9%, 50%
CMY	0.0901, 0.9061, 0.5019
CMYK	0.00, 0.90, 0.45, 0.09
HSL	330°, 82%, 50%
HSV	330°, 90%, 91%
XYZ	37.4405, 19.3414, 21.8416
YIQ	97.9340, 90.9050, 76.1290

Conversions

Conversions Part 2

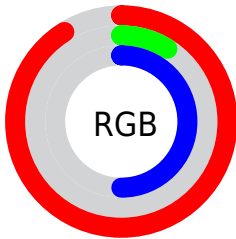
Format	Color
R_{YB}	232, 24, 127
Decimal	15210623
CIE _{Lab}	51.08, 77.37, -1.41
CIE _{LCh}	51, 77.382, 358.953
Yxy	19.3414, 0.4762, 0.2460
Android (android.graphics.Color)	4293400703 (0xFFE8187F)
YUV	97.9340, 14.3295, 117.5759
Hunter-Lab	43.9789, 74.9995, 1.3395

Details

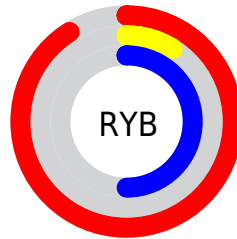
The Yxy color **19.3414, 0.4762, 0.2460** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **59.5000, 0.2695, 0.4830**, and the grayscale version is **12.1381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.8626, 0.4014, 0.2511**, and **9.0961, 0.5120, 0.2594** is the 20% darker color. If you saturate the color by 10%, you get **18.4196, 0.5003, 0.2531**, and if you desaturate by 10%, it is **21.0601, 0.4511, 0.2439**.

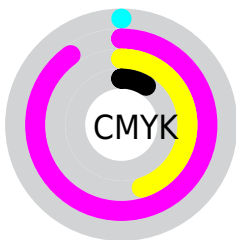
Distribution



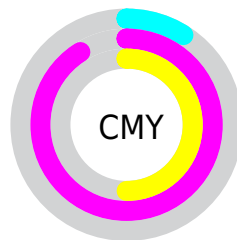
- Red (91%)
- Green (9%)
- Blue (50%)



- Red (91%)
- Yellow (9%)
- Blue (50%)



- Cyan (0%)
- Magenta (90%)
- Yellow (45%)
- Black (9%)




- Cyan (9%)
- Magenta (91%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3414, 0.4762, 0.2460 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 19.3414, 0.4762, 0.2460 by changing the saturation by 10% instead.


 19.3414, 0.4762,
0.2460


 19.3414, 0.4762,
0.2460


248.3271, 0.3844,
0.2923


 11.9172, 0.5026,
0.2328


 42.3102, 0.4403,
0.2640

 6.6873, 0.5385,
0.2150


 58.6236, 0.4276,
0.2704


 3.2673, 0.5896,
0.1898

 78.6689, 0.4171,
0.2757

 1.2728, 0.6660,
0.1524

 102.8304, 0.4084,
0.2801

 0.1200, 0.8822,
0.0404

 131.4926, 0.4010,
0.2839

 0.0000, 1.0000,
0.0000

 165.0398, 0.3947,

 0.0000, 0.0000,

0.2871

0.0000

203.8565, 0.3892,
0.2899

■ 19.3414, 0.4762,
0.2460

■ 19.3414, 0.4762,
0.2460

■ 18.4196, 0.5003,
0.2531

■ 21.0601, 0.4511,
0.2439

■ 18.3945, 0.5010,
0.2534


■ 23.7998, 0.4261,
0.2471


■ 27.6996, 0.4025,
0.2547


■ 32.8759, 0.3812,
0.2653

■ 39.4306, 0.3625,
0.2777

 47.4554, 0.3464,
0.2909

 57.0337, 0.3330,
0.3042

 68.2430, 0.3217,
0.3171

 81.1554, 0.3124,
0.3294

Harmonies

Analogous

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



19.3414, 0.3260, 0.1847



19.3414, 0.4762, 0.2460



19.3414, 0.5721, 0.3202

Triad

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



19.3414, 0.4762, 0.2460



19.3414, 0.3678, 0.5867



19.3414, 0.1041, 0.1710

Complementary

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



19.3414, 0.4762, 0.2460



59.5000, 0.2695, 0.4830

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.



19.3414, 0.1080, 0.2530



19.3414, 0.4762, 0.2460



19.3414, 0.2499, 0.5744

Square

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



19.3414, 0.4762, 0.2460



19.3414, 0.4815, 0.4992



19.3414, 0.1541, 0.4127



19.3414, 0.1338, 0.1429

Rectangle

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



19.3414, 0.4762, 0.2460



19.3414, 0.5770, 0.3735



19.3414, 0.1541, 0.4127



19.3414, 0.1016, 0.1908

Sweetspot

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



19.3425, 0.4762, 0.2460



61.6217, 0.3428, 0.2943



11.0667, 0.2123, 0.0987



12.3780, 0.3478, 0.2897



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.



19.3425, 0.4762, 0.2460



22.7742, 0.5022, 0.2540



17.8757, 0.6233, 0.3299



14.4864, 0.3215, 0.3174



10.2357, 0.4974, 0.2514



0.7751, 0.4647, 0.2334

Inverse Universe

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



19.3425, 0.4762, 0.2460



22.7742, 0.5022, 0.2540



63.7431, 0.2259, 0.3287



14.4864, 0.3215, 0.3174



10.2357, 0.4974, 0.2514



0.7751, 0.4647, 0.2334

Previews

White Background



This preview shows how the Yxy color 19.3414, 0.4762, 0.2460 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 19.3414, 0.4762, 0.2460 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 19.3414, 0.4762, 0.2460

Background



This preview shows how black text looks on a background with the Yxy color 19.3414, 0.4762, 0.2460.

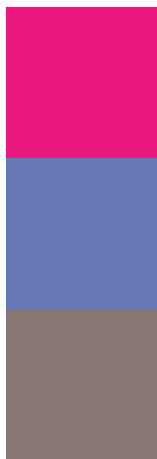


This preview shows how white text looks on a background with the Yxy color 19.3414, 0.4762, 0.2460.

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

19.3414, 0.4762, 0.2460

Protanopia

19.8536, 0.2391, 0.2297

Deuteranopia

19.4755, 0.3371, 0.3309



Tritanopia

19.4081, 0.5765, 0.3291

Trichromacy



Original Color

19.3414, 0.4762, 0.2460



Protanomaly

15.7128, 0.3034, 0.2134



Deuteranomaly

16.3791, 0.3915, 0.2738



Tritanomaly

18.9798, 0.5479, 0.3000

Monochromacy



Original Color

19.3414, 0.4762, 0.2460



Achromatopsia

12.2139, 0.3127, 0.3290



Achromatomaly

11.8136, 0.3813, 0.2642

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3414, 0.4762, 0.2460 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, 24, 127)` looks like.

```
.text, #text, p{  
    color:rgb(232, 24, 127)  
}
```

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, 24, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 24, 127) }
```

Border

The CSS property to change the border of an element to Yxy 19.3414, 0.4762, 0.2460 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, 24, 127) }
```

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

```
.border{ border-color:rgb(232, 24, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 24, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 24, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 24, 127);  
box-shadow:4px 4px 4px 4px rgb(232, 24,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3414, 0.4762, 0.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 24, 127) }
```

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

```
.background{ background-color: rgb(232, 24,  
127) }
```

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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