

Converting Colors

$Yxy(19.6107, 0.5347, 0.3045)$

Have a look what the booklet for
Yxy(19.6107, 0.5347, 0.3045)
contains.

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Color

Yxy(19.5412, 0.5346, 0.3043)

Conversions

Conversions Part 1

Format	Color
Hex	E23754
RGB	226, 55, 84
RGB Percent	89%, 22%, 33%
CMY	0.1137, 0.7843, 0.6707
CMYK	0.00, 0.76, 0.63, 0.11
HSL	350°, 75%, 55%
HSV	350°, 76%, 89%
XYZ	34.3304, 19.5412, 10.3453
YIQ	109.4350, 92.6070, 45.2710

Conversions

Conversions Part 2

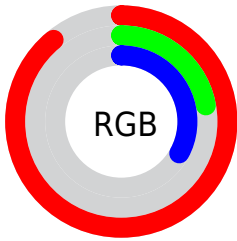
Format	Color
RYB	226, 55, 84
Decimal	14825300
CIELab	51.31, 65.93, 24.80
CIELCh	51, 70.442, 20.611
Yxy	19.5412, 0.5346, 0.3043
Android (android.graphics.Color)	4293015380 (0xFFE23754)
YUV	109.4350, -12.5395, 102.2275
Hunter-Lab	44.2054, 61.2653, 17.0682

Details

The Yxy color **19.5412, 0.5346, 0.3043** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **59.2393, 0.2424, 0.3695**, and the grayscale version is **15.4408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4442, 0.4558, 0.3124**, and **7.9397, 0.5922, 0.3036** is the 20% darker color. If you saturate the color by 10%, you get **17.6085, 0.5747, 0.3081**, and if you desaturate by 10%, it is **22.5372, 0.4917, 0.3036**.

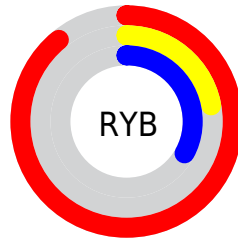
Distribution



Red (89%)

Green (22%)

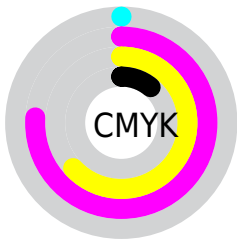
Blue (33%)



Red (89%)

Yellow (22%)

Blue (33%)

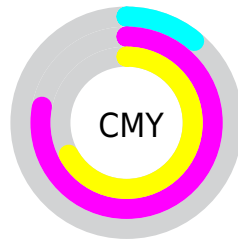


Cyan (0%)

Magenta (76%)

Yellow (63%)

Black (11%)



Cyan (11%)


Magenta (78%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.5412, 0.5346, 0.3043 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 19.5412, 0.5346, 0.3043 by changing the saturation by 10% instead.


 19.5412, 0.5346,
0.3043


 19.5412, 0.5346,
0.3043


249.4204, 0.4087,
0.3255


 12.0620, 0.5701,
0.2950


 42.6466, 0.4855,
0.3147

 6.7859, 0.6170,
0.2801


 59.0416, 0.4680,
0.3178

 3.3286, 0.6805,
0.2554

 79.1773, 0.4537,
0.3200

 1.3056, 0.7830,
0.2170

 103.4381, 0.4417,
0.3217

 0.1455, 0.9355,
0.0645

 132.2085, 0.4315,
0.3230

 0.0000, 1.0000,
0.0000

165.8727, 0.4228,

 0.0000, 0.0000,

0.3240

0.0000

204.8152, 0.4153,
0.3248

■ 19.5412, 0.5346,
0.3043

■ 19.5412, 0.5346,
0.3043

■ 17.6085, 0.5747,
0.3081

■ 22.5372, 0.4917,
0.3036

■ 16.5828, 0.6067,
0.3147


■ 26.7175, 0.4507,
0.3054


■ 16.3109, 0.6175,
0.3176


■ 32.1907, 0.4143,
0.3088


■ 39.0518, 0.3834,
0.3131

■ 47.3870, 0.3580,
0.3177

 57.2755, 0.3373,
0.3223

 68.7909, 0.3207,
0.3267

 82.0020, 0.3072,
0.3307

 94.7760, 0.2963,
0.3310

Harmonies

Analogous

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



19.5412, 0.4254, 0.2350



19.5412, 0.5346, 0.3043



19.5412, 0.5568, 0.3811

Triad

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



19.5412, 0.5346, 0.3043



19.5412, 0.2891, 0.5673



19.5412, 0.1338, 0.1589

Complementary

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



19.5412, 0.5346, 0.3043



59.2393, 0.2424, 0.3695

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.



19.5412, 0.1144, 0.1989



19.5412, 0.5346, 0.3043



19.5412, 0.1888, 0.4516

Square

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



19.5412, 0.5346, 0.3043



19.5412, 0.4006, 0.5510



19.5412, 0.1296, 0.2954



19.5412, 0.1895, 0.1559

Rectangle

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



19.5412, 0.5346, 0.3043



19.5412, 0.5250, 0.4378



19.5412, 0.1296, 0.2954



19.5412, 0.1237, 0.1674

Sweetspot

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



19.5424, 0.5346, 0.3043



65.3681, 0.3524, 0.3189



19.7807, 0.2862, 0.1509



13.0492, 0.3606, 0.3172



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.



19.5424, 0.5346, 0.3043



22.2215, 0.5950, 0.3117



27.4162, 0.5222, 0.3814



13.7382, 0.3265, 0.3251



9.3170, 0.6144, 0.3158



0.6574, 0.5744, 0.2938

Inverse Universe

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



19.5424, 0.5346, 0.3043



22.2215, 0.5950, 0.3117



35.7536, 0.2099, 0.2499



13.7382, 0.3265, 0.3251



9.3170, 0.6144, 0.3158



0.6574, 0.5744, 0.2938

Previews

White Background



This preview shows how the Yxy color 19.5412, 0.5346, 0.3043 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 19.5412, 0.5346, 0.3043 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 19.5412, 0.5346, 0.3043

Background



This preview shows how black text looks on a background with the Yxy color 19.5412, 0.5346, 0.3043.



This preview shows how white text looks on a background with the Yxy color 19.5412, 0.5346, 0.3043.

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

19.5412, 0.5346, 0.3043

Protanopia

19.6233, 0.3294, 0.3458

Deuteranopia

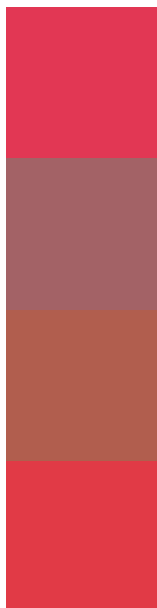
19.6201, 0.4084, 0.4001



Tritanopia

19.5871, 0.5618, 0.3281

Trichromacy



Original Color

19.5412, 0.5346, 0.3043

Protanomaly

17.4812, 0.4039, 0.3229

Deuteranomaly

17.9026, 0.4625, 0.3522

Tritanomaly

19.4759, 0.5526, 0.3197

Monochromacy



Original Color

19.5412, 0.5346, 0.3043

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.7403, 0.3965, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5412, 0.5346, 0.3043 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(226, 55, 84)` looks like.

```
.text, #text, p{  
  color:rgb(226, 55, 84)  
}
```

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(226, 55, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 55, 84) }
```

Border

The CSS property to change the border of an element to Yxy 19.5412, 0.5346, 0.3043 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(226, 55, 84) }
```

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

```
.border{ border-color:rgb(226, 55, 84) }
```

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

Here you see how a box with a 4 pixel rgb(226, 55, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 55, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 55, 84);  
box-shadow:4px 4px 4px 4px rgb(226, 55,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5412, 0.5346, 0.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 55, 84) }
```

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

```
.background{ background-color: rgb(226, 55,  
84) }
```

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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