

Converting Colors

$Y_{xy}(33.1474, 0.4193, 0.3179)$

Have a look what the booklet for
Yxy(33.1474, 0.4193, 0.3179)
contains.

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Color

Yxy(33.0302, 0.4191, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	E37E88
RGB	227, 126, 136
RGB Percent	89%, 49%, 53%
CMY	0.1098, 0.5059, 0.4665
CMYK	0.00, 0.44, 0.40, 0.11
HSL	354°, 64%, 69%
HSV	354°, 44%, 89%
XYZ	43.5861, 33.0302, 27.3830
YIQ	157.3390, 56.9860, 24.5220

Conversions

Conversions Part 2

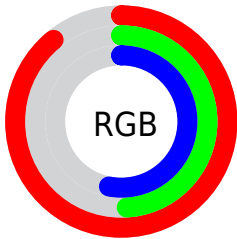
Format	Color
R _Y B	227, 126, 136
Decimal	14909064
CIE Lab	64.19, 39.95, 12.01
CIE LCh	64, 41.712, 16.732
Yxy	33.0302, 0.4191, 0.3176
Android (android.graphics.Color)	4293099144 (0xFFE37E88)
YUV	157.3390, -10.5201, 61.0927
Hunter-Lab	57.4719, 34.7968, 11.9811

Details

The Yxy color **33.0302, 0.4191, 0.3176** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.3841, 0.2578, 0.3416**, and the grayscale version is **33.9084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.5766, 0.3707, 0.3198**, and **13.8943, 0.4548, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **27.3432, 0.4582, 0.3157**, and if you desaturate by 10%, it is **40.1484, 0.3860, 0.3201**.

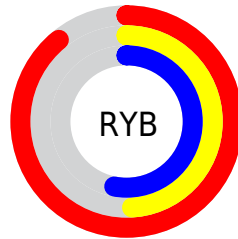
Distribution



Red (89%)

Green (49%)

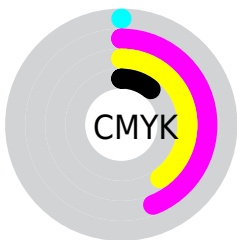
Blue (53%)



Red (89%)

Yellow (49%)

Blue (53%)

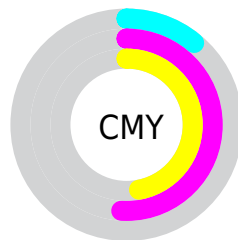


Cyan (0%)

Magenta (44%)

Yellow (40%)

Black (11%)



Cyan (11%)


Magenta (51%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0302, 0.4191, 0.3176 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 33.0302, 0.4191, 0.3176 by changing the saturation by 10% instead.

 33.0302, 0.4191,
0.3176


 33.0302, 0.4191,
0.3176


315.7858, 0.3624,
0.3252

 22.1496, 0.4343,
0.3150


 64.4227, 0.3977,
0.3209

 13.9669, 0.4545,
0.3112


 85.7033, 0.3899,
0.3219

 8.0976, 0.4824,
0.3053


 111.2194, 0.3834,
0.3228

 4.1575, 0.5231,
0.2953

141.3554, 0.3779,
0.3235

 1.7620, 0.5869,
0.2765

176.4956, 0.3732,
0.3240

 0.4633, 0.7705,
0.2295

217.0245, 0.3691,

 0.0000, 1.0000,

0.3245

0.0000

263.3264, 0.3655,
0.3249

0.0000, 0.0000,
0.0000

33.0302, 0.4191,
0.3176

33.0302, 0.4191,
0.3176

27.3432, 0.4582,
0.3157

40.1484, 0.3860,
0.3201

22.9859, 0.5021,
0.3148

48.7804, 0.3589,
0.3228

19.8513, 0.5475,
0.3155

59.0085, 0.3370,
0.3254

17.8140, 0.5886,
0.3181

70.9075, 0.3194,
0.3279

16.7211, 0.6191,
0.3224

84.5475, 0.3053,
0.3303

■ 16.3916, 0.6304,
0.3246

■ 95.0715, 0.2958,
0.3290

Harmonies

Analogous

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



33.0302, 0.3626, 0.2734



33.0302, 0.4191, 0.3176



33.0302, 0.4429, 0.3671

Triad

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



33.0302, 0.4191, 0.3176



33.0302, 0.3185, 0.4416



33.0302, 0.2065, 0.2364

Complementary

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



33.0302, 0.4191, 0.3176



64.3841, 0.2578, 0.3416

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.



33.0302, 0.1978, 0.2696



33.0302, 0.4191, 0.3176



33.0302, 0.2581, 0.3951

Square

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



33.0302, 0.4191, 0.3176



33.0302, 0.3805, 0.4452



33.0302, 0.2152, 0.3273



33.0302, 0.2402, 0.2281

Rectangle

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



33.0302, 0.4191, 0.3176



33.0302, 0.4365, 0.3993



33.0302, 0.2152, 0.3273



33.0302, 0.2007, 0.2445

Sweetspot

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



33.0319, 0.4191, 0.3176



78.8670, 0.3343, 0.3258



35.2050, 0.3082, 0.2174



16.1936, 0.3386, 0.3252



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.



33.0319, 0.4191, 0.3176



36.3580, 0.4534, 0.3159



45.2566, 0.4086, 0.3762



14.3911, 0.3277, 0.3267



9.5670, 0.6283, 0.3235



0.7149, 0.6010, 0.3084

Inverse Universe

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



33.0319, 0.4191, 0.3176



36.3580, 0.4534, 0.3159



45.3541, 0.2436, 0.2752



14.3911, 0.3277, 0.3267



9.5670, 0.6283, 0.3235



0.7149, 0.6010, 0.3084

Previews

White Background



This preview shows how the Yxy color 33.0302, 0.4191, 0.3176 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 33.0302, 0.4191, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

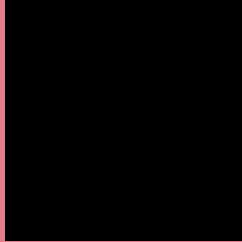
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0302, 0.4191, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 33.0302, 0.4191, 0.3176.



This preview shows how white text looks on a background with the Yxy color 33.0302, 0.4191, 0.3176.

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

33.0302, 0.4191, 0.3176

Protanopia

33.1833, 0.3205, 0.3335

Deuteranopia

33.1819, 0.3624, 0.3548



Tritanopia

33.0019, 0.4204, 0.3188

Trichromacy



Original Color

33.0302, 0.4191, 0.3176

Protanomaly

32.2122, 0.3538, 0.3263

Deuteranomaly

32.6135, 0.3834, 0.3399

Tritanomaly

33.0019, 0.4204, 0.3188

Monochromacy



Original Color

33.0302, 0.4191, 0.3176

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.6728, 0.3480, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0302, 0.4191, 0.3176 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(227, 126, 136)` looks like.

```
.text, #text, p{  
    color:rgb(227, 126, 136)  
}
```

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(227, 126, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 126, 136) }
```

Border

The CSS property to change the border of an element to Yxy 33.0302, 0.4191, 0.3176 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(227, 126, 136) }
```

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

```
.border{ border-color:rgb(227, 126, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 126, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 126, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 126, 136);  
box-shadow:4px 4px 4px 4px rgb(227, 126,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0302, 0.4191, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 126, 136) }
```

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

```
.background{ background-color: rgb(227,  
126, 136) }
```

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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