

Converting Colors

$Y_{xy}(33.5302, 0.4110, 0.3140)$

Have a look what the booklet for
Yxy(33.5302, 0.4110, 0.3140)
contains.

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Color

Yxy(33.5302, 0.4110, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	E2808D
RGB	226, 128, 141
RGB Percent	89%, 50%, 55%
CMY	0.1138, 0.4980, 0.4470
CMYK	0.00, 0.43, 0.38, 0.11
HSL	352°, 63%, 69%
HSV	352°, 43%, 89%
XYZ	43.8883, 33.5302, 29.3656
YIQ	158.7840, 54.2350, 24.8190

Conversions

Conversions Part 2

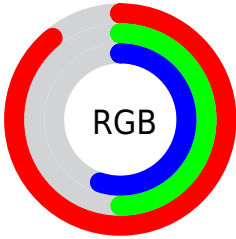
Format	Color
R _Y B	226, 128, 141
Decimal	14844045
CIE Lab	64.59, 39.10, 9.73
CIE LCh	65, 40.292, 13.970
Yxy	33.5302, 0.4110, 0.3140
Android (android.graphics.Color)	4293034125 (0xFFE2808D)
YUV	158.7840, -8.7675, 58.9484
Hunter-Lab	57.9053, 33.9566, 10.4658

Details

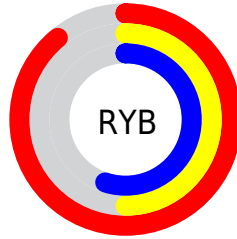
The Yxy color **33.5302, 0.4110, 0.3140** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.7771, 0.2606, 0.3455**, and the grayscale version is **34.5915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.6560, 0.3649, 0.3156**, and **14.2490, 0.4441, 0.3069** is the 20% darker color. If you saturate the color by 10%, you get **27.7451, 0.4479, 0.3112**, and if you desaturate by 10%, it is **40.7346, 0.3800, 0.3174**.

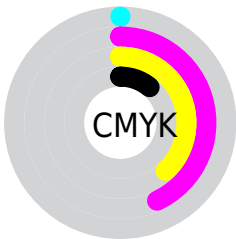
Distribution



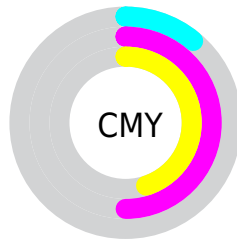
- Red (89%)
- Green (50%)
- Blue (55%)



- Red (89%)
- Yellow (50%)
- Blue (55%)



- Cyan (0%)
- Magenta (43%)
- Yellow (38%)
- Black (11%)





- Cyan (11%)
- Magenta (50%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5302, 0.4110, 0.3140 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 33.5302, 0.4110, 0.3140 by changing the saturation by 10% instead.


 33.5302, 0.4110,
0.3140


 33.5302, 0.4110,
0.3140


318.0321, 0.3588,
0.3231

 22.5329, 0.4250,
0.3111


 65.2024, 0.3913,
0.3177

 14.2490, 0.4436,
0.3071


 86.6462, 0.3841,
0.3190

 8.2941, 0.4692,
0.3010


 112.3408, 0.3781,
0.3200

 4.2837, 0.5067,
0.2911

142.6708, 0.3731,
0.3209

 1.8335, 0.5657,
0.2731

178.0206, 0.3687,
0.3216

 0.5079, 0.7577,
0.2423

218.7744, 0.3650,

 0.0000, 1.0000,

0.3222

0.0000

265.3168, 0.3617,
0.3227

0.0000, 0.0000,
0.0000

33.5302, 0.4110,
0.3140

33.5302, 0.4110,
0.3140

27.7451, 0.4479,
0.3112

40.7346, 0.3800,
0.3174

23.2806, 0.4898,
0.3096

49.4384, 0.3546,
0.3210

20.0335, 0.5341,
0.3100

59.7215, 0.3340,
0.3246

17.8829, 0.5759,
0.3128

71.6570, 0.3175,
0.3279

16.6830, 0.6092,
0.3179

85.3130, 0.3042,
0.3310

■ 16.2598, 0.6249,
0.3216

■ 94.9061, 0.2952,
0.3289

Harmonies

Analogous

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



33.5302, 0.3549, 0.2720



33.5302, 0.4110, 0.3140



33.5302, 0.4374, 0.3618

Triad

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



33.5302, 0.4110, 0.3140



33.5302, 0.3243, 0.4389



33.5302, 0.2083, 0.2416

Complementary

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



33.5302, 0.4110, 0.3140



63.7771, 0.2606, 0.3455

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.



33.5302, 0.2022, 0.2763



33.5302, 0.4110, 0.3140



33.5302, 0.2652, 0.3977

Square

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



33.5302, 0.4110, 0.3140



33.5302, 0.3834, 0.4392



33.5302, 0.2216, 0.3335



33.5302, 0.2388, 0.2313

Rectangle

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



33.5302, 0.4110, 0.3140



33.5302, 0.4337, 0.3932



33.5302, 0.2216, 0.3335



33.5302, 0.2035, 0.2504

Sweetspot

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



33.5319, 0.4110, 0.3140



78.9277, 0.3335, 0.3247



35.0665, 0.3053, 0.2191



16.2084, 0.3377, 0.3239



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.



33.5319, 0.4110, 0.3140



37.1710, 0.4439, 0.3115



44.2531, 0.4071, 0.3713



13.7300, 0.3271, 0.3259



9.2876, 0.6223, 0.3202



0.6535, 0.5871, 0.3008

Inverse Universe

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



33.5319, 0.4110, 0.3140



37.1710, 0.4439, 0.3115



46.9340, 0.2461, 0.2813



13.7300, 0.3271, 0.3259



9.2876, 0.6223, 0.3202



0.6535, 0.5871, 0.3008

Previews

White Background



This preview shows how the Yxy color 33.5302, 0.4110, 0.3140 looks on a white background.

Color Contrast Check

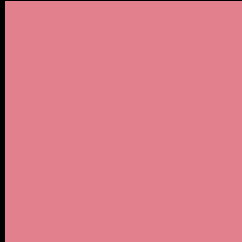
Large Text (above 18pt) WCAG AA × Fail

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 33.5302, 0.4110, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

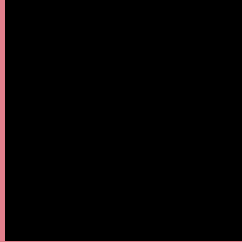
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5302, 0.4110, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 33.5302, 0.4110, 0.3140.



This preview shows how white text looks on a background with the Yxy color 33.5302, 0.4110, 0.3140.

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

33.5302, 0.4110, 0.3140

Protanopia

33.6508, 0.3167, 0.3290

Deuteranopia

33.5231, 0.3558, 0.3491



Tritanopia

33.7042, 0.4142, 0.3187

Trichromacy



Original Color

33.5302, 0.4110, 0.3140

Protanomaly

32.9825, 0.3480, 0.3222

Deuteranomaly

33.2157, 0.3759, 0.3359

Tritanomaly

33.7333, 0.4130, 0.3175

Monochromacy



Original Color

33.5302, 0.4110, 0.3140

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.5141, 0.3455, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5302, 0.4110, 0.3140 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, 128, 141)` looks like.

```
.text, #text, p{  
    color:rgb(226, 128, 141)  
}
```

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, 128, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 128, 141) }
```

Border

The CSS property to change the border of an element to Yxy 33.5302, 0.4110, 0.3140 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, 128, 141) }
```

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

```
.border{ border-color:rgb(226, 128, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 128, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 128, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 128, 141);  
box-shadow:4px 4px 4px 4px rgb(226, 128,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5302, 0.4110, 0.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 128, 141) }
```

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

```
.background{ background-color: rgb(226,  
128, 141) }
```

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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