

Converting Colors

Yxy(52.8941, 0.3441, 0.3137)

Have a look what the booklet for
Yxy(52.8941, 0.3441, 0.3137)
contains.

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Color

Yxy(52.9868, 0.3438, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	E4B4C1
RGB	228, 180, 193
RGB Percent	89%, 71%, 76%
CMY	0.1058, 0.2941, 0.2433
CMYK	0.00, 0.21, 0.15, 0.11
HSL	344°, 47%, 80%
HSV	344°, 21%, 89%
XYZ	57.9417, 52.9868, 57.6046
YIQ	195.8340, 24.4350, 14.2190

Conversions

Conversions Part 2

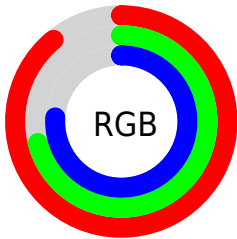
Format	Color
R_{YB}	228, 180, 193
Decimal	14988481
CIE _{Lab}	77.87, 19.36, 0.08
CIE _{LCh}	78, 19.356, 0.246
Yxy	52.9868, 0.3438, 0.3144
Android (android.graphics.Color)	4293178561 (0xFFE4B4C1)
YUV	195.8340, -1.3972, 28.2096
Hunter-Lab	72.7920, 14.6980, 4.0348

Details

The Yxy color **52.9868, 0.3438, 0.3144** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.1072, 0.2889, 0.3442**, and the grayscale version is **55.0958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0905, 0.3173, 0.3164**, and **25.8428, 0.3516, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **43.8262, 0.3640, 0.3070**, and if you desaturate by 10%, it is **63.7502, 0.3273, 0.3216**.

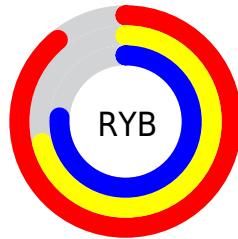
Distribution



Red (89%)

Green (71%)

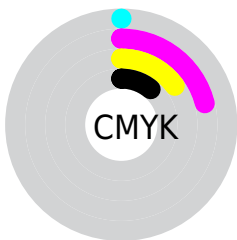
Blue (76%)



Red (89%)

Yellow (71%)

Blue (76%)

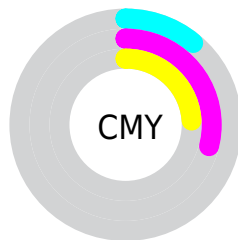


Cyan (0%)

Magenta (21%)

Yellow (15%)

Black (11%)



Cyan (11%)


Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9868, 0.3438, 0.3144 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 52.9868, 0.3438, 0.3144 by changing the saturation by 10% instead.


 52.9868, 0.3438,
0.3144

 52.9868, 0.3438,
0.3144


398.2345, 0.3286,
0.3216

 37.7922, 0.3475,
0.3127


 94.5849, 0.3383,
0.3170

 25.8215, 0.3522,
0.3104


121.7573, 0.3363,
0.3179

 16.6901, 0.3584,
0.3075


153.6911, 0.3345,
0.3188

 10.0138, 0.3668,
0.3035

190.7706, 0.3330,
0.3195

 5.4081, 0.3791,
0.2978

233.3803, 0.3317,
0.3201

 2.4887, 0.3985,
0.2886

281.9046, 0.3305,

 0.8709, 0.4337,

0.3207

0.2720

336.7279, 0.3295,
0.3211

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.9868, 0.3438,
0.3144

52.9868, 0.3438,
0.3144

43.8262, 0.3640,
0.3070

63.7502, 0.3273,
0.3216

36.1843, 0.3885,
0.2998

76.1806, 0.3140,
0.3283

29.9805, 0.4178,
0.2933

90.3477, 0.3031,
0.3346

25.1238, 0.4517,
0.2884

95.2362, 0.2964,
0.3290

■ 21.5124, 0.4890,
0.2863

■ 19.0302, 0.5273,
0.2879

■ 17.5386, 0.5629,
0.2940

■ 16.8392, 0.5898,
0.3023

Harmonies

Analogous

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



52.9868, 0.3188, 0.2969



52.9868, 0.3438, 0.3144



52.9868, 0.3605, 0.3359

Triad

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



52.9868, 0.3438, 0.3144



52.9868, 0.3311, 0.3748



52.9868, 0.2641, 0.2986

Complementary

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



52.9868, 0.3438, 0.3144



70.1072, 0.2889, 0.3442

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.



52.9868, 0.2671, 0.3190



52.9868, 0.3438, 0.3144



52.9868, 0.3051, 0.3645

Square

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



52.9868, 0.3438, 0.3144



52.9868, 0.3527, 0.3713



52.9868, 0.2819, 0.3435



52.9868, 0.2734, 0.2874

Rectangle

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



52.9868, 0.3438, 0.3144



52.9868, 0.3643, 0.3502



52.9868, 0.2819, 0.3435



52.9868, 0.2637, 0.3046

Sweetspot

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



52.9892, 0.3438, 0.3144



89.9250, 0.3203, 0.3250



52.6045, 0.3042, 0.2750



19.0233, 0.3212, 0.3246



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.



52.9892, 0.3438, 0.3144



63.2075, 0.3516, 0.3114



56.7949, 0.3526, 0.3409



14.4316, 0.3250, 0.3227



9.7392, 0.5860, 0.3002



0.7349, 0.5443, 0.2772

Inverse Universe

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



52.9892, 0.3438, 0.3144



63.2075, 0.3516, 0.3114



65.2477, 0.2806, 0.3167



14.4316, 0.3250, 0.3227



9.7392, 0.5860, 0.3002



0.7349, 0.5443, 0.2772

Previews

White Background



This preview shows how the Yxy color 52.9868, 0.3438, 0.3144 looks on a white background.

Color Contrast Check

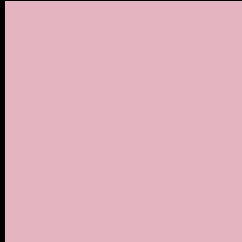
Large Text (above 18pt) WCAG AA × Fail

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 52.9868, 0.3438, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

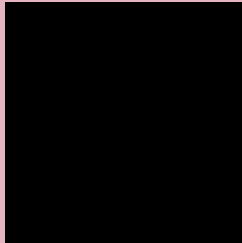
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9868, 0.3438, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 52.9868, 0.3438, 0.3144.



This preview shows how white text looks on a background with the Yxy color 52.9868, 0.3438, 0.3144.

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

52.9868, 0.3438, 0.3144

Protanopia

53.3387, 0.3084, 0.3192

Deuteranopia

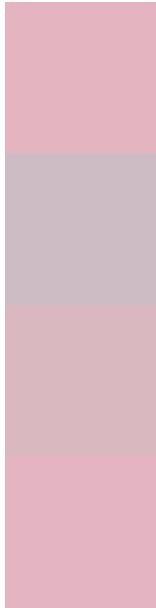
53.3435, 0.3298, 0.3231



Tritanopia

53.0315, 0.3429, 0.3132

Trichromacy



Original Color

52.9868, 0.3438, 0.3144

Protanomaly

53.1195, 0.3207, 0.3183

Deuteranomaly

52.9922, 0.3353, 0.3198

Tritanomaly

53.0315, 0.3429, 0.3132

Monochromacy



Original Color

52.9868, 0.3438, 0.3144

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.1769, 0.3237, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9868, 0.3438, 0.3144 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(228, 180, 193)` looks like.

```
.text, #text, p{  
    color:rgb(228, 180, 193)  
}
```

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(228, 180, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 193) }
```

Border

The CSS property to change the border of an element to Yxy 52.9868, 0.3438, 0.3144 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(228, 180, 193) }
```

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

```
.border{ border-color:rgb(228, 180, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 180, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 180, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 180, 193);  
box-shadow:4px 4px 4px 4px rgb(228, 180,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9868, 0.3438, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 180, 193) }
```

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

```
.background{ background-color: rgb(228,  
180, 193) }
```

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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