

Converting Colors

$Y_{xy}(52.6890, 0.3427, 0.3106)$

Have a look what the booklet for
Yxy(52.6890, 0.3427, 0.3106)
contains.

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Color

Yxy(52.8383, 0.3431, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	E5B3C3
RGB	229, 179, 195
RGB Percent	90%, 70%, 76%
CMY	0.1018, 0.2981, 0.2352
CMYK	0.00, 0.22, 0.15, 0.10
HSL	341°, 49%, 80%
HSV	341°, 22%, 90%
XYZ	58.2920, 52.8383, 58.7677
YIQ	195.7740, 24.6640, 15.5760

Conversions

Conversions Part 2

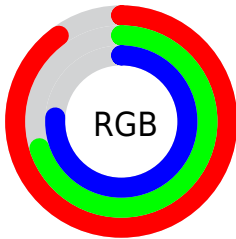
Format	Color
R _Y B	229, 179, 195
Decimal	15053763
CIE Lab	77.78, 20.59, -1.15
CIE LCh	78, 20.619, 356.804
Yxy	52.8383, 0.3431, 0.3110
Android (android.graphics.Color)	4293243843 (0xFFE5B3C3)
YUV	195.7740, -0.3816, 29.1392
Hunter-Lab	72.6900, 15.9365, 2.9487

Details

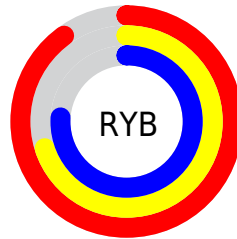
The Yxy color **52.8383, 0.3431, 0.3110** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.4417, 0.2895, 0.3478**, and the grayscale version is **55.0537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7049, 0.3155, 0.3126**, and **25.7290, 0.3519, 0.3069** is the 20% darker color. If you saturate the color by 10%, you get **43.7426, 0.3621, 0.3023**, and if you desaturate by 10%, it is **63.5368, 0.3275, 0.3195**.

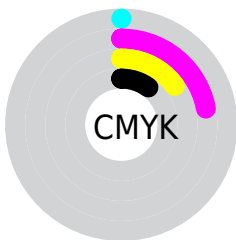
Distribution



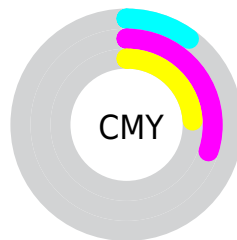
- Red (90%)
- Green (70%)
- Blue (76%)



- Red (90%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (22%)
- Yellow (15%)
- Black (10%)




- Cyan (10%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8383, 0.3431, 0.3110 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 52.8383, 0.3431, 0.3110 by changing the saturation by 10% instead.

 52.8383, 0.3431,
0.3110

 52.8383, 0.3431,
0.3110


397.6644, 0.3283,
0.3198

 37.6737, 0.3467,
0.3089


 94.3664, 0.3378,
0.3141

 25.7295, 0.3513,
0.3062


121.4987, 0.3358,
0.3153

 16.6214, 0.3573,
0.3027


153.3890, 0.3340,
0.3163

 9.9649, 0.3655,
0.2979

190.4217, 0.3326,
0.3172

 5.3757, 0.3774,
0.2910

232.9812, 0.3313,
0.3180

 2.4694, 0.3961,
0.2803

281.4519, 0.3301,

 0.8612, 0.4299,

0.3186

0.2611

336.2182, 0.3291,
0.3192

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.8383, 0.3431,
0.3110

52.8383, 0.3431,
0.3110

43.7426, 0.3621,
0.3023

63.5368, 0.3275,
0.3195

36.1651, 0.3851,
0.2937

75.9032, 0.3148,
0.3276

30.0241, 0.4124,
0.2860

90.0074, 0.3044,
0.3351

25.2276, 0.4439,
0.2801

95.4028, 0.2970,
0.3290

■ 21.6725, 0.4785,
0.2772

■ 19.2406, 0.5142,
0.2786

■ 17.7903, 0.5480,
0.2848

■ 17.1488, 0.5723,
0.2927

Harmonies

Analogous

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



52.8383, 0.3159, 0.2932



52.8383, 0.3431, 0.3110



52.8383, 0.3624, 0.3336

Triad

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



52.8383, 0.3431, 0.3110



52.8383, 0.3352, 0.3782



52.8383, 0.2607, 0.2986

Complementary

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



52.8383, 0.3431, 0.3110



70.4417, 0.2895, 0.3478

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.



52.8383, 0.2654, 0.3211



52.8383, 0.3431, 0.3110



52.8383, 0.3077, 0.3690

Square

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



52.8383, 0.3431, 0.3110



52.8383, 0.3574, 0.3728



52.8383, 0.2823, 0.3474



52.8383, 0.2691, 0.2855

Rectangle

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



52.8383, 0.3431, 0.3110



52.8383, 0.3676, 0.3489



52.8383, 0.2823, 0.3474



52.8383, 0.2608, 0.3053

Sweetspot

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



52.8407, 0.3431, 0.3110



88.3784, 0.3211, 0.3235



51.9447, 0.3018, 0.2725



18.7130, 0.3218, 0.3230



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.



52.8407, 0.3431, 0.3110



62.1763, 0.3508, 0.3072



55.5985, 0.3550, 0.3386



14.4437, 0.3242, 0.3215



9.8214, 0.5683, 0.2904



0.7422, 0.5269, 0.2676

Inverse Universe

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



52.8407, 0.3431, 0.3110



62.1763, 0.3508, 0.3072



66.7907, 0.2796, 0.3192



14.4437, 0.3242, 0.3215



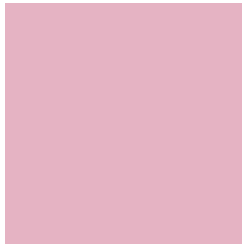
9.8214, 0.5683, 0.2904



0.7422, 0.5269, 0.2676

Previews

White Background



This preview shows how the Yxy color 52.8383, 0.3431, 0.3110 looks on a white background.

Color Contrast Check

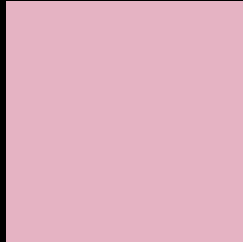
Large Text (above 18pt) WCAG AA × Fail

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 52.8383, 0.3431, 0.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

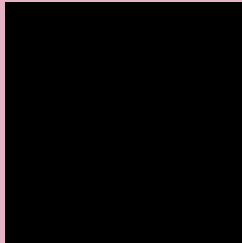
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8383, 0.3431, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 52.8383, 0.3431, 0.3110.



This preview shows how white text looks on a background with the Yxy color 52.8383, 0.3431, 0.3110.

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

52.8383, 0.3431, 0.3110

Protanopia

52.8633, 0.3061, 0.3156

Deuteranopia

52.7145, 0.3266, 0.3196



Tritanopia

52.7485, 0.3448, 0.3133

Trichromacy



Original Color

52.8383, 0.3431, 0.3110

Protanomaly

52.7860, 0.3192, 0.3147

Deuteranomaly

52.5137, 0.3329, 0.3162

Tritanomaly

52.7933, 0.3439, 0.3122

Monochromacy



Original Color

52.8383, 0.3431, 0.3110

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.2223, 0.3229, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8383, 0.3431, 0.3110 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(229, 179, 195)` looks like.

```
.text, #text, p{  
    color:rgb(229, 179, 195)  
}
```

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(229, 179, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 179, 195) }
```

Border

The CSS property to change the border of an element to Yxy 52.8383, 0.3431, 0.3110 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(229, 179, 195) }
```

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

```
.border{ border-color:rgb(229, 179, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 179, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 179, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 179, 195);  
box-shadow:4px 4px 4px 4px rgb(229, 179,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8383, 0.3431, 0.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 179, 195) }
```

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

```
.background{ background-color: rgb(229,  
179, 195) }
```

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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