

Converting Colors

$Y_{xy}(53.0515, 0.3431, 0.3139)$

Have a look what the booklet for
Yxy(53.0515, 0.3431, 0.3139)
contains.

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Color

Yxy(53.0315, 0.3429, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	E4B4C2
RGB	228, 180, 194
RGB Percent	89%, 71%, 76%
CMY	0.1058, 0.2941, 0.2391
CMYK	0.00, 0.21, 0.15, 0.11
HSL	342°, 47%, 80%
HSV	342°, 21%, 89%
XYZ	58.0603, 53.0315, 58.2297
YIQ	195.9480, 24.1140, 14.5300

Conversions

Conversions Part 2

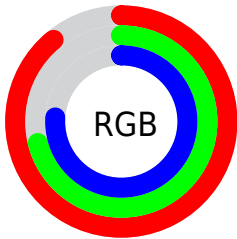
Format	Color
R _Y B	228, 180, 194
Decimal	14988482
CIE Lab	77.89, 19.53, -0.45
CIE LCh	78, 19.537, 358.668
Yxy	53.0315, 0.3429, 0.3132
Android (android.graphics.Color)	4293178562 (0xFFE4B4C2)
YUV	195.9480, -0.9604, 28.1096
Hunter-Lab	72.8227, 14.8753, 3.5671

Details

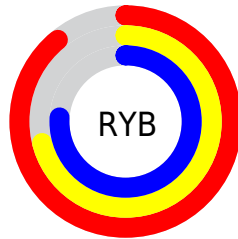
The Yxy color **53.0315, 0.3429, 0.3132** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.0545, 0.2895, 0.3454**, and the grayscale version is **55.1669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1530, 0.3167, 0.3155**, and **25.8428, 0.3516, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **43.8863, 0.3625, 0.3052**, and if you desaturate by 10%, it is **63.7746, 0.3269, 0.3210**.

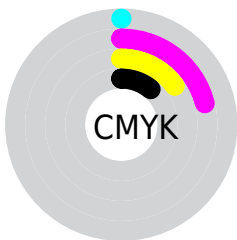
Distribution



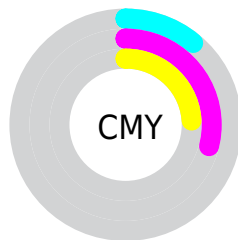
- Red (89%)
- Green (71%)
- Blue (76%)



- 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 53.0315, 0.3429, 0.3132 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 53.0315, 0.3429, 0.3132 by changing the saturation by 10% instead.


 53.0315, 0.3429,
0.3132

 53.0315, 0.3429,
0.3132


398.4060, 0.3281,
0.3209

 37.8279, 0.3465,
0.3113


 94.6507, 0.3376,
0.3160

 25.8492, 0.3510,
0.3089


121.8351, 0.3356,
0.3170

 16.7108, 0.3570,
0.3058


153.7820, 0.3339,
0.3179

 10.0285, 0.3652,
0.3016

190.8756, 0.3324,
0.3187

 5.4179, 0.3771,
0.2954

233.5004, 0.3311,
0.3194

 2.4945, 0.3958,
0.2858

282.0408, 0.3300,

 0.8739, 0.4295,

0.3199

0.2684

336.8812, 0.3290,
0.3205

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.0315, 0.3429,
0.3132

53.0315, 0.3429,
0.3132

43.8863, 0.3625,
0.3052

63.7746, 0.3269,
0.3210

36.2553, 0.3862,
0.2974

76.1798, 0.3139,
0.3283

30.0581, 0.4144,
0.2903

90.3164, 0.3034,
0.3350

25.2040, 0.4471,
0.2849

95.2371, 0.2964,
0.3290

■ 21.5915, 0.4831,
0.2823

■ 19.1048, 0.5203,
0.2837

■ 17.6058, 0.5553,
0.2897

■ 16.8978, 0.5823,
0.2982

Harmonies

Analogous

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



53.0315, 0.3175, 0.2959



53.0315, 0.3429, 0.3132



53.0315, 0.3604, 0.3348

Triad

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



53.0315, 0.3429, 0.3132



53.0315, 0.3325, 0.3753



53.0315, 0.2635, 0.2992

Complementary

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



53.0315, 0.3429, 0.3132



70.0545, 0.2895, 0.3454

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.



53.0315, 0.2672, 0.3201



53.0315, 0.3429, 0.3132



53.0315, 0.3064, 0.3657

Square

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



53.0315, 0.3429, 0.3132



53.0315, 0.3540, 0.3712



53.0315, 0.2826, 0.3449



53.0315, 0.2722, 0.2874

Rectangle

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



53.0315, 0.3429, 0.3132



53.0315, 0.3647, 0.3493



53.0315, 0.2826, 0.3449



53.0315, 0.2633, 0.3054

Sweetspot

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



53.0339, 0.3429, 0.3132



89.9457, 0.3201, 0.3247



52.4809, 0.3035, 0.2749



19.0282, 0.3209, 0.3242



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.



53.0339, 0.3429, 0.3132



63.2777, 0.3504, 0.3099



56.4461, 0.3528, 0.3400



14.4369, 0.3247, 0.3222



9.7735, 0.5784, 0.2960



0.7380, 0.5367, 0.2730

Inverse Universe

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



53.0339, 0.3429, 0.3132



63.2777, 0.3504, 0.3099



65.6632, 0.2806, 0.3177



14.4369, 0.3247, 0.3222



9.7735, 0.5784, 0.2960



0.7380, 0.5367, 0.2730

Previews

White Background



This preview shows how the Yxy color 53.0315, 0.3429, 0.3132 looks on a white background.

Color Contrast Check

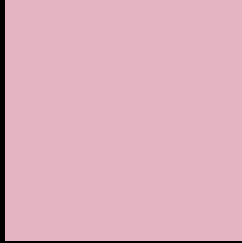
Large Text (above 18pt) WCAG AA × Fail

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 53.0315, 0.3429, 0.3132 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 53.0315, 0.3429, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 53.0315, 0.3429, 0.3132.



This preview shows how white text looks on a background with the Yxy color 53.0315, 0.3429, 0.3132.

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

53.0315, 0.3429, 0.3132

Protanopia

53.3857, 0.3076, 0.3180

Deuteranopia

53.2398, 0.3281, 0.3219



Tritanopia

53.0315, 0.3429, 0.3132

Trichromacy



Original Color

53.0315, 0.3429, 0.3132

Protanomaly

53.1655, 0.3199, 0.3171

Deuteranomaly

52.8829, 0.3336, 0.3186

Tritanomaly

53.0315, 0.3429, 0.3132

Monochromacy



Original Color

53.0315, 0.3429, 0.3132

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 53.0315, 0.3429, 0.3132 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(228, 180, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 194) }
```

Border

The CSS property to change the border of an element to Yxy 53.0315, 0.3429, 0.3132 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, 194) }
```

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

```
.border{ border-color:rgb(228, 180, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 180, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 180, 194);  
box-shadow:4px 4px 4px 4px rgb(228, 180,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0315, 0.3429, 0.3132 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, 194) }
```

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

```
.background{ background-color: rgb(228,  
180, 194) }
```

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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