

Converting Colors

Yxy(53.8277, 0.3322, 0.3015)

Have a look what the booklet for
Yxy(53.8277, 0.3322, 0.3015)
contains.

Yxy(53.8349, 0.3318, 0.3010)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.8349, 0.3318, 0.3010)

Conversions

Conversions Part 1

Format	Color
Hex	E3B5CE
RGB	227, 181, 206
RGB Percent	89%, 71%, 81%
CMY	0.1098, 0.2902, 0.1920
CMYK	0.00, 0.20, 0.09, 0.11
HSL	327°, 45%, 80%
HSV	327°, 20%, 89%
XYZ	59.3436, 53.8349, 65.6750
YIQ	197.6040, 19.3910, 17.5270

Conversions

Conversions Part 2

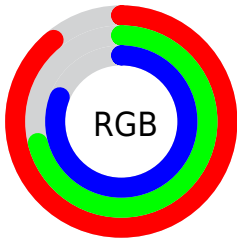
Format	Color
R _Y B	227, 181, 206
Decimal	14923214
CIE Lab	78.37, 20.60, -6.28
CIE LCh	78, 21.538, 343.036
Yxy	53.8349, 0.3318, 0.3010
Android (android.graphics.Color)	4293113294 (0xFFE3B5CE)
YUV	197.6040, 4.1392, 25.7803
Hunter-Lab	73.3723, 15.9696, -1.7095

Details

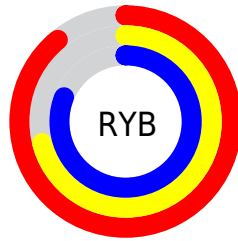
The Yxy color $53.8349, 0.3318, 0.3010$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $69.0204, 0.2973, 0.3588$, and the grayscale version is $56.1866, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0484, 0.3135, 0.3117$, and $26.3633, 0.3363, 0.2937$ is the 20% darker color. If you saturate the color by 10%, you get $44.8591, 0.3441, 0.2865$, and if you desaturate by 10%, it is $64.3524, 0.3215, 0.3152$.

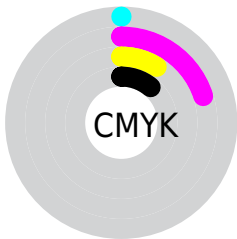
Distribution



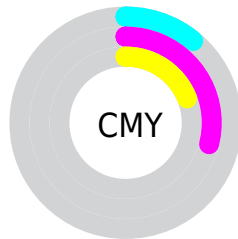
- Red (89%)
- Green (71%)
- Blue (81%)



- Red (89%)
- Yellow (71%)
- Blue (81%)



- Cyan (0%)
- Magenta (20%)
- Yellow (9%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8349, 0.3318, 0.3010 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 53.8349, 0.3318, 0.3010 by changing the saturation by 10% instead.

 53.8349, 0.3318,
0.3010

 53.8349, 0.3318,
0.3010

401.4801, 0.3226,
0.3144

 38.4697, 0.3340,
0.2978

 95.8318, 0.3286,
0.3057

 26.3474, 0.3367,
0.2939


123.2323, 0.3273,
0.3075

 17.0837, 0.3403,
0.2888


155.4133, 0.3262,
0.3091

 10.2942, 0.3451,
0.2820

192.7592, 0.3253,
0.3104

 5.5945, 0.3519,
0.2723

235.6544, 0.3245,
0.3116

 2.6001, 0.3622,
0.2579

284.4834, 0.3238,

 0.9267, 0.3800,

0.3126

0.2336

339.6305, 0.3232,
0.3135

0.0000, 0.5773,
0.0000

0.0000, 0.0000,
0.0000

53.8349, 0.3318,
0.3010

53.8349, 0.3318,
0.3010

44.8591, 0.3441,
0.2865

64.3524, 0.3215,
0.3152

37.3445, 0.3586,
0.2721

76.4729, 0.3129,
0.3287

31.2141, 0.3753,
0.2586

90.2631, 0.3058,
0.3413

26.3809, 0.3943,
0.2470

94.5905, 0.2999,
0.3366

■ 22.7478, 0.4151,
0.2386

■ 95.0694, 0.2958,
0.3290

■ 20.2040, 0.4370,
0.2346

■ 18.6179, 0.4590,
0.2358

■ 17.7728, 0.4798,
0.2417

Harmonies

Analogous

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



53.8349, 0.3026, 0.2862



53.8349, 0.3318, 0.3010



53.8349, 0.3566, 0.3226

Triad

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



53.8349, 0.3318, 0.3010



53.8349, 0.3478, 0.3793



53.8349, 0.2593, 0.3072

Complementary

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



53.8349, 0.3318, 0.3010



69.0204, 0.2973, 0.3588

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.



53.8349, 0.2703, 0.3333



53.8349, 0.3318, 0.3010



53.8349, 0.3208, 0.3769

Square

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



53.8349, 0.3318, 0.3010



53.8349, 0.3658, 0.3676



53.8349, 0.2925, 0.3596



53.8349, 0.2619, 0.2887

Rectangle

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



53.8349, 0.3318, 0.3010



53.8349, 0.3667, 0.3387



53.8349, 0.2925, 0.3596



53.8349, 0.2615, 0.3153

Sweetspot

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



53.8373, 0.3318, 0.3010



90.1826, 0.3177, 0.3210



51.1103, 0.2948, 0.2756



19.0841, 0.3183, 0.3201



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.



53.8373, 0.3318, 0.3010



65.3065, 0.3363, 0.2954



52.8112, 0.3510, 0.3265



14.4986, 0.3208, 0.3163



10.3899, 0.4768, 0.2400



0.7865, 0.4478, 0.2240

Inverse Universe

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



53.8373, 0.3318, 0.3010



65.3065, 0.3363, 0.2954



70.1772, 0.2838, 0.3316



14.4986, 0.3208, 0.3163



10.3899, 0.4768, 0.2400



0.7865, 0.4478, 0.2240

Previews

White Background



This preview shows how the Yxy color 53.8349, 0.3318, 0.3010 looks on a white background.

Color Contrast Check

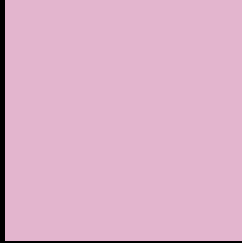
Large Text (above 18pt) WCAG AA × Fail

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 53.8349, 0.3318, 0.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

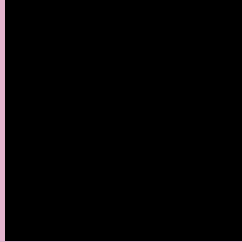
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8349, 0.3318, 0.3010

Background



This preview shows how black text looks on a background with the Yxy color 53.8349, 0.3318, 0.3010.



This preview shows how white text looks on a background with the Yxy color 53.8349, 0.3318, 0.3010.

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

53.8349, 0.3318, 0.3010

Protanopia

54.1505, 0.2974, 0.3049

Deuteranopia

53.7841, 0.3161, 0.3090



Tritanopia

54.0669, 0.3382, 0.3132

Trichromacy



Original Color

53.8349, 0.3318, 0.3010

Protanomaly

54.0275, 0.3098, 0.3043

Deuteranomaly

53.5528, 0.3221, 0.3059

Tritanomaly

53.7948, 0.3358, 0.3087

Monochromacy



Original Color

53.8349, 0.3318, 0.3010

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.4716, 0.3197, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8349, 0.3318, 0.3010 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, 181, 206)` looks like.

```
.text, #text, p{  
    color:rgb(227, 181, 206)  
}
```

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, 181, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 181, 206) }
```

Border

The CSS property to change the border of an element to Yxy 53.8349, 0.3318, 0.3010 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, 181, 206) }
```

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

```
.border{ border-color:rgb(227, 181, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 181, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 181, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 181, 206);  
box-shadow:4px 4px 4px 4px rgb(227, 181,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8349, 0.3318, 0.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 181, 206) }
```

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

```
.background{ background-color: rgb(227,  
181, 206) }
```

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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