

Converting Colors

Yxy(51.7860, 0.3484, 0.3142)

Have a look what the booklet for
Yxy(51.7860, 0.3484, 0.3142)
contains.

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Color

Yxy(51.9850, 0.3487, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	E6B1BE
RGB	230, 177, 190
RGB Percent	90%, 69%, 75%
CMY	0.0979, 0.3059, 0.2549
CMYK	0.00, 0.23, 0.17, 0.10
HSL	345°, 52%, 80%
HSV	345°, 23%, 90%
XYZ	57.6564, 51.9850, 55.7053
YIQ	194.3290, 27.4150, 15.2790

Conversions

Conversions Part 2

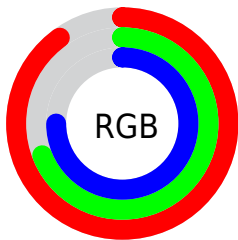
Format	Color
R _Y B	230, 177, 190
Decimal	15118782
CIE Lab	77.27, 21.23, 0.85
CIE LCh	77, 21.242, 2.305
Yxy	51.9850, 0.3487, 0.3144
Android (android.graphics.Color)	4293308862 (0xFFE6B1BE)
YUV	194.3290, -2.1342, 31.2835
Hunter-Lab	72.1006, 16.5642, 4.6627

Details

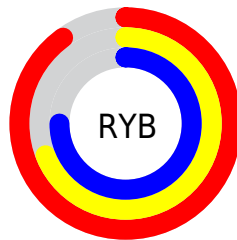
The Yxy color **51.9850, 0.3487, 0.3144** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.9697, 0.2860, 0.3442**, and the grayscale version is **54.1567, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1916, 0.3194, 0.3164**, and **25.2201, 0.3585, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **42.9390, 0.3705, 0.3077**, and if you desaturate by 10%, it is **62.6578, 0.3309, 0.3210**.

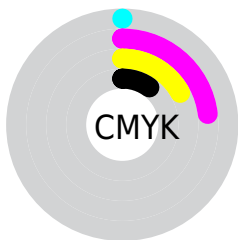
Distribution



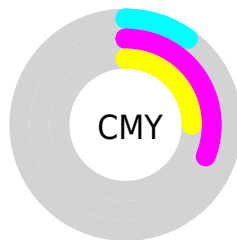
- Red (90%)
- Green (69%)
- Blue (75%)



- Red (90%)
- Yellow (69%)
- Blue (75%)



- Cyan (0%)
- Magenta (23%)
- Yellow (17%)
- Black (10%)





- Cyan (10%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9850, 0.3487, 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 51.9850, 0.3487, 0.3144 by changing the saturation by 10% instead.


 51.9850, 0.3487,
0.3144

 51.9850, 0.3487,
0.3144

394.3787, 0.3310,
0.3216

 36.9931, 0.3530,
0.3126


 93.1091, 0.3423,
0.3170

 25.2022, 0.3585,
0.3104


120.0101, 0.3399,
0.3180

 16.2277, 0.3658,
0.3074


151.6497, 0.3379,
0.3188

 9.6854, 0.3757,
0.3032

188.4121, 0.3361,
0.3195

 5.1909, 0.3903,
0.2972

230.6818, 0.3346,
0.3202

 2.3597, 0.4134,
0.2874

278.8432, 0.3333,

 0.8050, 0.4570,

0.3207

0.2695

333.2807, 0.3321,
0.3212

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.9850, 0.3487,
0.3144

51.9850, 0.3487,
0.3144

42.9390, 0.3705,
0.3077

62.6578, 0.3309,
0.3210

35.4328, 0.3970,
0.3012

75.0248, 0.3165,
0.3272

29.3820, 0.4284,
0.2956

89.1579, 0.3049,
0.3330

24.6912, 0.4645,
0.2917

95.5684, 0.2976,
0.3290

■ 21.2537, 0.5036,
0.2907

■ 18.9464, 0.5428,
0.2935

■ 17.6208, 0.5777,
0.3004

■ 17.1176, 0.5978,
0.3067

Harmonies

Analogous

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



51.9850, 0.3214, 0.2948



51.9850, 0.3487, 0.3144



51.9850, 0.3664, 0.3381

Triad

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



51.9850, 0.3487, 0.3144



51.9850, 0.3309, 0.3794



51.9850, 0.2595, 0.2942

Complementary

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



51.9850, 0.3487, 0.3144



70.9697, 0.2860, 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.



51.9850, 0.2619, 0.3160



51.9850, 0.3487, 0.3144



51.9850, 0.3023, 0.3672

Square

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



51.9850, 0.3487, 0.3144



51.9850, 0.3555, 0.3764



51.9850, 0.2772, 0.3432



51.9850, 0.2705, 0.2828

Rectangle

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



51.9850, 0.3487, 0.3144



51.9850, 0.3698, 0.3537



51.9850, 0.2772, 0.3432



51.9850, 0.2588, 0.3004

Sweetspot

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



51.9874, 0.3487, 0.3144



88.2976, 0.3219, 0.3248



51.8735, 0.3046, 0.2698



18.6943, 0.3228, 0.3244



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.



51.9874, 0.3487, 0.3144



59.5967, 0.3593, 0.3110



56.9391, 0.3569, 0.3441



14.4256, 0.3254, 0.3233



9.7042, 0.5940, 0.3046



0.7316, 0.5527, 0.2818

Inverse Universe

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



51.9874, 0.3487, 0.3144



59.5967, 0.3593, 0.3110



64.5700, 0.2774, 0.3133



14.4256, 0.3254, 0.3233



9.7042, 0.5940, 0.3046



0.7316, 0.5527, 0.2818

Previews

White Background



This preview shows how the Yxy color 51.9850, 0.3487, 0.3144 looks on a white background.

Color Contrast Check

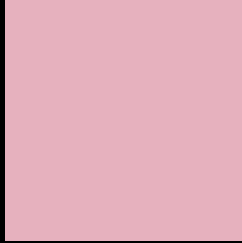
Large Text (above 18pt) WCAG AA × Fail

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 51.9850, 0.3487, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

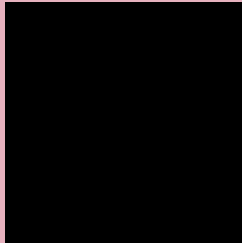
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9850, 0.3487, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 51.9850, 0.3487, 0.3144.



This preview shows how white text looks on a background with the Yxy color 51.9850, 0.3487, 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

51.9850, 0.3487, 0.3144

Protanopia

52.2416, 0.3091, 0.3192

Deuteranopia

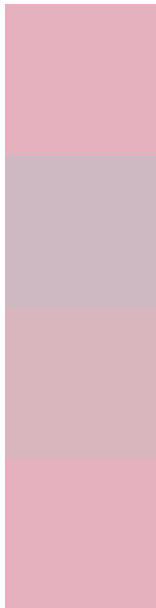
52.0737, 0.3308, 0.3243



Tritanopia

52.0289, 0.3478, 0.3133

Trichromacy



Original Color

51.9850, 0.3487, 0.3144

Protanomaly

51.7599, 0.3225, 0.3170

Deuteranomaly

51.8817, 0.3372, 0.3209

Tritanomaly

52.0289, 0.3478, 0.3133

Monochromacy



Original Color

51.9850, 0.3487, 0.3144

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.0821, 0.3246, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9850, 0.3487, 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(230, 177, 190)` looks like.

```
.text, #text, p{  
    color:rgb(230, 177, 190)  
}
```

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(230, 177, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 177, 190) }
```

Border

The CSS property to change the border of an element to Yxy 51.9850, 0.3487, 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(230, 177, 190) }
```

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

```
.border{ border-color:rgb(230, 177, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 177, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 177, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 177, 190);  
box-shadow:4px 4px 4px 4px rgb(230, 177,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9850, 0.3487, 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(230, 177, 190) }
```

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

```
.background{ background-color: rgb(230,  
177, 190) }
```

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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