

Converting Colors

Yxy(51.1731, 0.3516, 0.3181)

Have a look what the booklet for
Yxy(51.1731, 0.3516, 0.3181)
contains.

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Color

Yxy(51.2539, 0.3515, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	E5B0BA
RGB	229, 176, 186
RGB Percent	90%, 69%, 73%
CMY	0.1019, 0.3098, 0.2705
CMYK	0.00, 0.23, 0.19, 0.10
HSL	349°, 51%, 79%
HSV	349°, 23%, 90%
XYZ	56.7068, 51.2539, 53.3673
YIQ	192.9870, 28.3780, 14.3460

Conversions

Conversions Part 2

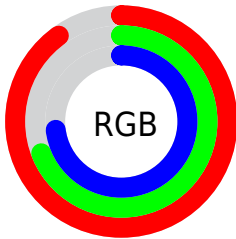
Format	Color
R _Y B	229, 176, 186
Decimal	15052986
CIE Lab	76.83, 20.78, 2.37
CIE LCh	77, 20.917, 6.498
Yxy	51.2539, 0.3515, 0.3177
Android (android.graphics.Color)	4293243066 (0xFFE5B0BA)
YUV	192.9870, -3.4446, 31.5834
Hunter-Lab	71.5918, 16.1014, 5.9172

Details

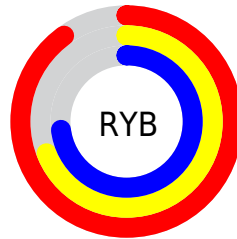
The Yxy color **51.2539, 0.3515, 0.3177** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70.3926, 0.2842, 0.3407**, and the grayscale version is **53.3309, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3840, 0.3220, 0.3192**, and **24.7436, 0.3625, 0.3142** is the 20% darker color. If you saturate the color by 10%, you get **42.2810, 0.3751, 0.3125**, and if you desaturate by 10%, it is **61.8492, 0.3324, 0.3228**.

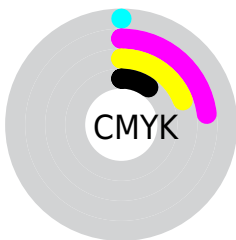
Distribution



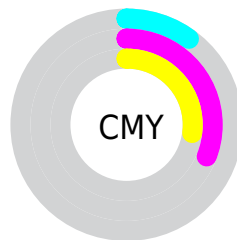
- Red (90%)
- Green (69%)
- Blue (73%)



- Red (90%)
- Yellow (69%)
- Blue (73%)



- Cyan (0%)
- Magenta (23%)
- Yellow (19%)
- Black (10%)





- Cyan (10%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2539, 0.3515, 0.3177 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 51.2539, 0.3515, 0.3177 by changing the saturation by 10% instead.


 51.2539, 0.3515,
0.3177

 51.2539, 0.3515,
0.3177


391.5494, 0.3323,
0.3234

 36.4107, 0.3562,
0.3163


 92.0300, 0.3446,
0.3198

 24.7516, 0.3622,
0.3144


118.7316, 0.3420,
0.3206

 15.8921, 0.3701,
0.3120


150.1549, 0.3398,
0.3212

 9.4478, 0.3811,
0.3085

186.6842, 0.3379,
0.3218

 5.0344, 0.3971,
0.3034

228.7039, 0.3362,
0.3223

 2.2675, 0.4227,
0.2948

276.5984, 0.3348,

 0.7564, 0.4765,

0.3227

0.2799

330.7521, 0.3335,
0.3231

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.2539, 0.3515,
0.3177

51.2539, 0.3515,
0.3177

42.2810, 0.3751,
0.3125

61.8492, 0.3324,
0.3228

34.8434, 0.4038,
0.3076

74.1341, 0.3169,
0.3276

28.8569, 0.4380,
0.3034

88.1808, 0.3045,
0.3320

24.2259, 0.4771,
0.3007

95.4009, 0.2970,
0.3290

■ 20.8437, 0.5190,
0.3005

■ 18.5871, 0.5599,
0.3035

■ 17.3078, 0.5947,
0.3099

■ 16.8374, 0.6131,
0.3151

Harmonies

Analogous

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



51.2539, 0.3254, 0.2975



51.2539, 0.3515, 0.3177



51.2539, 0.3671, 0.3413

Triad

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



51.2539, 0.3515, 0.3177



51.2539, 0.3269, 0.3781



51.2539, 0.2608, 0.2923

Complementary

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



51.2539, 0.3515, 0.3177



70.3926, 0.2842, 0.3407

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.



51.2539, 0.2612, 0.3126



51.2539, 0.3515, 0.3177



51.2539, 0.2985, 0.3640

Square

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



51.2539, 0.3515, 0.3177



51.2539, 0.3522, 0.3772



51.2539, 0.2748, 0.3392



51.2539, 0.2735, 0.2827

Rectangle

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



51.2539, 0.3515, 0.3177



51.2539, 0.3690, 0.3565



51.2539, 0.2748, 0.3392



51.2539, 0.2594, 0.2980

Sweetspot

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



51.2562, 0.3515, 0.3177



88.2377, 0.3226, 0.3257



51.6768, 0.3067, 0.2700



18.6805, 0.3235, 0.3255



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.



51.2562, 0.3515, 0.3177



59.4105, 0.3627, 0.3151



57.4521, 0.3564, 0.3472



14.4123, 0.3263, 0.3246



9.6382, 0.6098, 0.3133



0.7249, 0.5707, 0.2917

Inverse Universe

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



51.2562, 0.3515, 0.3177



59.4105, 0.3627, 0.3151



62.5325, 0.2770, 0.3101



14.4123, 0.3263, 0.3246



9.6382, 0.6098, 0.3133



0.7249, 0.5707, 0.2917

Previews

White Background



This preview shows how the Yxy color 51.2539, 0.3515, 0.3177 looks on a white background.

Color Contrast Check

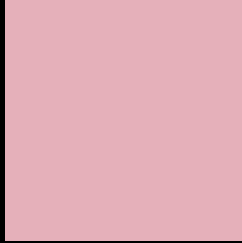
Large Text (above 18pt) WCAG AA × Fail

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 51.2539, 0.3515, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

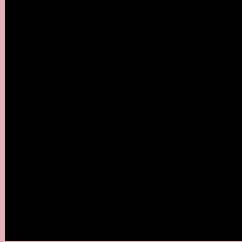
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2539, 0.3515, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 51.2539, 0.3515, 0.3177.



This preview shows how white text looks on a background with the Yxy color 51.2539, 0.3515, 0.3177.

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

51.2539, 0.3515, 0.3177

Protanopia

51.4519, 0.3121, 0.3240

Deuteranopia

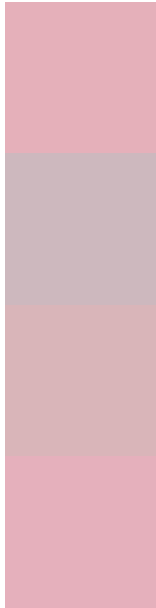
51.4854, 0.3342, 0.3279



Tritanopia

51.3828, 0.3488, 0.3143

Trichromacy



Original Color

51.2539, 0.3515, 0.3177

Protanomaly

50.9778, 0.3258, 0.3218

Deuteranomaly

51.3022, 0.3408, 0.3244

Tritanomaly

51.3395, 0.3497, 0.3155

Monochromacy



Original Color

51.2539, 0.3515, 0.3177

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.3802, 0.3263, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2539, 0.3515, 0.3177 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, 176, 186)` looks like.

```
.text, #text, p{  
    color:rgb(229, 176, 186)  
}
```

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, 176, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 176, 186) }
```

Border

The CSS property to change the border of an element to Yxy 51.2539, 0.3515, 0.3177 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, 176, 186) }
```

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

```
.border{ border-color:rgb(229, 176, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 176, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 176, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 176, 186);  
box-shadow:4px 4px 4px 4px rgb(229, 176,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2539, 0.3515, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 176, 186) }
```

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

```
.background{ background-color: rgb(229,  
176, 186) }
```

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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