

Converting Colors

Yxy(51.2965, 0.3506, 0.3166)

Have a look what the booklet for
Yxy(51.2965, 0.3506, 0.3166)
contains.

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Color

Yxy(51.2965, 0.3506, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	E5B0BB
RGB	229, 176, 187
RGB Percent	90%, 69%, 73%
CMY	0.1020, 0.3098, 0.2667
CMYK	0.00, 0.23, 0.18, 0.10
HSL	348°, 50%, 79%
HSV	348°, 23%, 90%
XYZ	56.8053, 51.2965, 53.9213
YIQ	193.1010, 28.0570, 14.6570

Conversions

Conversions Part 2

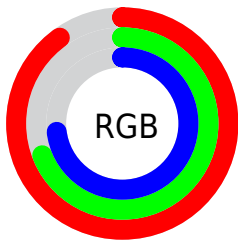
Format	Color
R _Y B	229, 176, 187
Decimal	15052987
CIE Lab	76.86, 20.91, 1.87
CIE LCh	77, 20.998, 5.103
Yxy	51.2965, 0.3506, 0.3166
Android (android.graphics.Color)	4293243067 (0xFFE5B0BB)
YUV	193.1010, -3.0078, 31.4834
Hunter-Lab	71.6216, 16.2361, 5.4978

Details

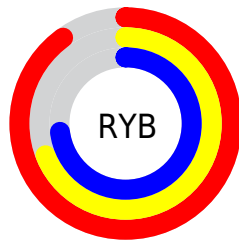
The Yxy color **51.2965, 0.3506, 0.3166** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70.3255, 0.2847, 0.3419**, and the grayscale version is **53.3975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4443, 0.3214, 0.3183**, and **24.7714, 0.3613, 0.3127** is the 20% darker color. If you saturate the color by 10%, you get **42.3342, 0.3736, 0.3109**, and if you desaturate by 10%, it is **61.8763, 0.3319, 0.3222**.

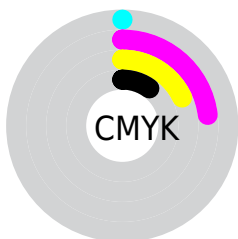
Distribution



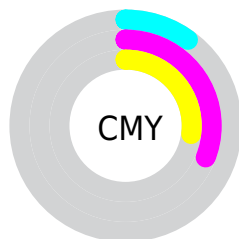
- Red (90%)
- Green (69%)
- Blue (73%)



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



- Cyan (0%)
- Magenta (23%)
- Yellow (18%)
- Black (10%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2965, 0.3506, 0.3166 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 51.2965, 0.3506, 0.3166 by changing the saturation by 10% instead.

 51.2965, 0.3506,
0.3166

 51.2965, 0.3506,
0.3166


391.7147, 0.3319,
0.3228

 36.4446, 0.3552,
0.3150


 92.0929, 0.3439,
0.3189

 24.7778, 0.3611,
0.3131


118.8062, 0.3413,
0.3197

 15.9116, 0.3688,
0.3104


150.2421, 0.3392,
0.3204

 9.4616, 0.3794,
0.3067

186.7851, 0.3373,
0.3210

 5.0435, 0.3950,
0.3012

228.8194, 0.3357,
0.3216

 2.2728, 0.4199,
0.2923

276.7295, 0.3343,

 0.7593, 0.4710,

0.3220

0.2760

330.8998, 0.3330,
0.3224

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.2965, 0.3506,
0.3166

51.2965, 0.3506,
0.3166

42.3342, 0.3736,
0.3109

61.8763, 0.3319,
0.3222

34.9029, 0.4016,
0.3055

74.1407, 0.3168,
0.3274

28.9184, 0.4349,
0.3008

88.1614, 0.3046,
0.3323

24.2857, 0.4730,
0.2978

95.3962, 0.2970,
0.3290

■ 20.8984, 0.5140,
0.2973

■ 18.6339, 0.5544,
0.3003

■ 17.3443, 0.5893,
0.3069

■ 16.8655, 0.6084,
0.3125

Harmonies

Analogous

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



51.2965, 0.3241, 0.2966



51.2965, 0.3506, 0.3166



51.2965, 0.3669, 0.3403

Triad

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



51.2965, 0.3506, 0.3166



51.2965, 0.3282, 0.3786



51.2965, 0.2603, 0.2929

Complementary

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



51.2965, 0.3506, 0.3166



70.3255, 0.2847, 0.3419

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.



51.2965, 0.2614, 0.3137



51.2965, 0.3506, 0.3166



51.2965, 0.2998, 0.3650

Square

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



51.2965, 0.3506, 0.3166



51.2965, 0.3533, 0.3770



51.2965, 0.2755, 0.3405



51.2965, 0.2725, 0.2827

Rectangle

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



51.2965, 0.3506, 0.3166



51.2965, 0.3693, 0.3556



51.2965, 0.2755, 0.3405



51.2965, 0.2592, 0.2988

Sweetspot

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



51.2988, 0.3506, 0.3166



88.2574, 0.3223, 0.3254



51.5413, 0.3060, 0.2699



18.6851, 0.3232, 0.3251



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.



51.2988, 0.3506, 0.3166



59.4713, 0.3616, 0.3137



57.0619, 0.3566, 0.3462



14.4167, 0.3260, 0.3241



9.6580, 0.6049, 0.3106



0.7270, 0.5649, 0.2885

Inverse Universe

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



51.2988, 0.3506, 0.3166



59.4713, 0.3616, 0.3137



62.9699, 0.2772, 0.3112



14.4167, 0.3260, 0.3241



9.6580, 0.6049, 0.3106



0.7270, 0.5649, 0.2885

Previews

White Background



This preview shows how the Yxy color 51.2965, 0.3506, 0.3166 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 51.2965, 0.3506, 0.3166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

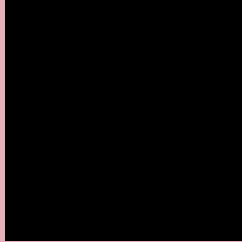
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2965, 0.3506, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 51.2965, 0.3506, 0.3166.



This preview shows how white text looks on a background with the Yxy color 51.2965, 0.3506, 0.3166.

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

51.2965, 0.3506, 0.3166

Protanopia

51.4967, 0.3114, 0.3228

Deuteranopia

51.5278, 0.3333, 0.3267



Tritanopia

51.3828, 0.3488, 0.3143

Trichromacy



Original Color

51.2965, 0.3506, 0.3166

Protanomaly

51.0217, 0.3250, 0.3206

Deuteranomaly

51.3446, 0.3399, 0.3232

Tritanomaly

51.3395, 0.3497, 0.3155

Monochromacy



Original Color

51.2965, 0.3506, 0.3166

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.4240, 0.3255, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2965, 0.3506, 0.3166 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(229, 176, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 176, 187) }
```

Border

The CSS property to change the border of an element to Yxy 51.2965, 0.3506, 0.3166 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, 187) }
```

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

```
.border{ border-color:rgb(229, 176, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 176, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 176, 187);  
box-shadow:4px 4px 4px 4px rgb(229, 176,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2965, 0.3506, 0.3166 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, 187) }
```

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

```
.background{ background-color: rgb(229,  
176, 187) }
```

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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