

Converting Colors

$Y_{xy}(29.4556, 0.3698, 0.2998)$

Have a look what the booklet for
Yxy(29.4556, 0.3698, 0.2998)
contains.

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Color

Yxy(29.3865, 0.3698, 0.2987)

Conversions

Conversions Part 1

Format	Color
Hex	C67F96
RGB	198, 127, 150
RGB Percent	78%, 50%, 59%
CMY	0.2236, 0.5019, 0.4117
CMYK	0.00, 0.36, 0.24, 0.22
HSL	341°, 38%, 64%
HSV	341°, 36%, 78%
XYZ	36.3814, 29.3865, 32.6134
YIQ	150.8510, 34.9330, 22.2050

Conversions

Conversions Part 2

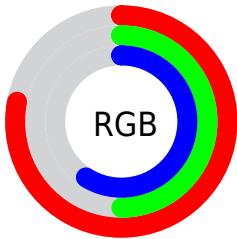
Format	Color
RYB	198, 127, 150
Decimal	13008790
CIELab	61.12, 30.62, -0.85
CIELCh	61, 30.629, 358.412
Yxy	29.3865, 0.3698, 0.2987
Android (android.graphics.Color)	4291198870 (0xFFC67F96)
YUV	150.8510, -0.4195, 41.3497
Hunter-Lab	54.2093, 24.9301, 2.2765

Details

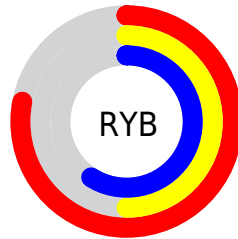
The Yxy color **29.3865, 0.3698, 0.2987** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.9902, 0.2767, 0.3620**, and the grayscale version is **30.8721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.6674, 0.3573, 0.3053**, and **11.9094, 0.3912, 0.2882** is the 20% darker color. If you saturate the color by 10%, you get **24.3592, 0.3940, 0.2903**, and if you desaturate by 10%, it is **35.4707, 0.3496, 0.3075**.

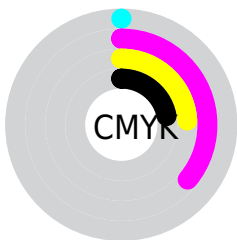
Distribution



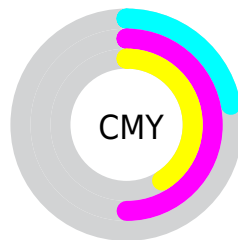
- Red (78%)
- Green (50%)
- Blue (59%)



- Red (78%)
- Yellow (50%)
- Blue (59%)



- Cyan (0%)
- Magenta (36%)
- Yellow (24%)
- Black (22%)





- Cyan (22%)
- Magenta (50%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3865, 0.3698, 0.2987 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 29.3865, 0.3698, 0.2987 by changing the saturation by 10% instead.

 29.3865, 0.3698,
0.2987


 29.3865, 0.3698,
0.2987


299.0342, 0.3391,
0.3149

 19.3734, 0.3782,
0.2943


 58.6906, 0.3581,
0.3049

 11.9404, 0.3895,
0.2883


 78.7504, 0.3539,
0.3071

 6.7031, 0.4055,
0.2800


 102.9278, 0.3504,
0.3090

 3.2771, 0.4297,
0.2674

131.6074, 0.3474,
0.3105

 1.2781, 0.4705,
0.2464

165.1734, 0.3449,
0.3119

 0.1241, 0.7310,
0.1048


204.0103, 0.3427,


 0.0000, 0.0000,


0.3130

0.0000


248.5024, 0.3408,
0.3140

 29.3865, 0.3698,
0.2987


 29.3865, 0.3698,
0.2987


 24.3592, 0.3940,
0.2903


 35.4707, 0.3496,
0.3075

 20.3238, 0.4223,
0.2831


 42.6635, 0.3330,
0.3161


 17.2146, 0.4545,
0.2781

 51.0182, 0.3195,
0.3244


 14.9564, 0.4893,
0.2765

 60.5834, 0.3084,
0.3321

 13.4615, 0.5242,
0.2793

 71.4050, 0.2993,
0.3393

 12.6212, 0.5563,
0.2869

 83.5264, 0.2919,
0.3458

 12.3762, 0.5687,
0.2907

 90.0370, 0.2852,
0.3409

 90.7442, 0.2794,
0.3289

Harmonies

Analogous

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



29.3865, 0.3201, 0.2685



29.3865, 0.3698, 0.2987



29.3865, 0.4044, 0.3368

Triad

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



29.3865, 0.3698, 0.2987



29.3865, 0.3487, 0.4197



29.3865, 0.2225, 0.2715

Complementary

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



29.3865, 0.3698, 0.2987



47.9902, 0.2767, 0.3620

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.



29.3865, 0.2287, 0.3101



29.3865, 0.3698, 0.2987



29.3865, 0.2994, 0.4026

Square

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



29.3865, 0.3698, 0.2987



29.3865, 0.3902, 0.4074



29.3865, 0.2559, 0.3598



29.3865, 0.2375, 0.2518

Rectangle

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



29.3865, 0.3698, 0.2987



29.3865, 0.4125, 0.3632



29.3865, 0.2559, 0.3598



29.3865, 0.2221, 0.2824

Sweetspot

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



29.3879, 0.3698, 0.2987



82.2293, 0.3263, 0.3201



28.2945, 0.2927, 0.2346



17.1709, 0.3282, 0.3189



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.



29.3879, 0.3698, 0.2987



44.9494, 0.3883, 0.2921



31.9556, 0.3922, 0.3450



10.6927, 0.3240, 0.3215



8.0637, 0.5652, 0.2887



0.3952, 0.5053, 0.2557

Inverse Universe

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



29.3879, 0.3698, 0.2987



44.9494, 0.3883, 0.2921



43.7741, 0.2605, 0.3121



10.6927, 0.3240, 0.3215



8.0637, 0.5652, 0.2887



0.3952, 0.5053, 0.2557

Previews

White Background



This preview shows how the Yxy color 29.3865, 0.3698, 0.2987 looks on a white background.

Color Contrast Check

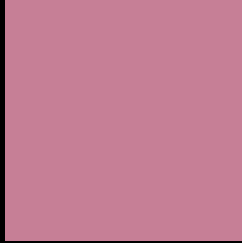
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3865, 0.3698, 0.2987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

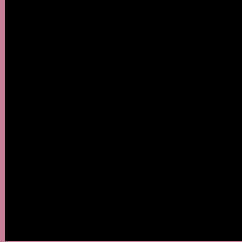
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3865, 0.3698, 0.2987

Background



This preview shows how black text looks on a background with the Yxy color 29.3865, 0.3698, 0.2987.



This preview shows how white text looks on a background with the Yxy color 29.3865, 0.3698, 0.2987.

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

29.3865, 0.3698, 0.2987

Protanopia

29.5871, 0.2977, 0.3057

Deuteranopia

29.4329, 0.3291, 0.3230



Tritanopia

29.4349, 0.3813, 0.3158

Trichromacy



Original Color

29.3865, 0.3698, 0.2987

Protanomaly

29.2241, 0.3215, 0.3024

Deuteranomaly

29.1434, 0.3435, 0.3131

Tritanomaly

29.2918, 0.3768, 0.3091

Monochromacy



Original Color

29.3865, 0.3698, 0.2987

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.9052, 0.3316, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3865, 0.3698, 0.2987 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(198, 127, 150)` looks like.

```
.text, #text, p{  
    color:rgb(198, 127, 150)  
}
```

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(198, 127, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 127, 150) }
```

Border

The CSS property to change the border of an element to Yxy 29.3865, 0.3698, 0.2987 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(198, 127, 150) }
```

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

```
.border{ border-color:rgb(198, 127, 150) }
```

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

Here you see how a box with a 4 pixel rgb(198, 127, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 127, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 127, 150);  
box-shadow:4px 4px 4px 4px rgb(198, 127,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3865, 0.3698, 0.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 127, 150) }
```

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

```
.background{ background-color: rgb(198,  
127, 150) }
```

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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