

Converting Colors

$Y_{xy}(29.2181, 0.3539, 0.2837)$

Have a look what the booklet for
Yxy(29.2181, 0.3539, 0.2837)
contains.

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Color

Yxy(29.0970, 0.3537, 0.2827)

Conversions

Conversions Part 1

Format	Color
Hex	C37EA1
RGB	195, 126, 161
RGB Percent	76%, 49%, 63%
CMY	0.2352, 0.5059, 0.3686
CMYK	0.00, 0.35, 0.17, 0.24
HSL	330°, 37%, 63%
HSV	330°, 35%, 76%
XYZ	36.4047, 29.0970, 37.4237
YIQ	150.6210, 29.8890, 25.5130

Conversions

Conversions Part 2

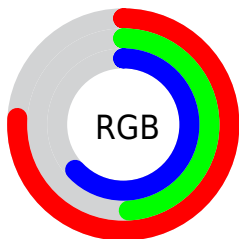
Format	Color
RYB	195, 126, 161
Decimal	12811937
CIELab	60.87, 31.79, -7.57
CIELCh	61, 32.678, 346.612
Yxy	29.0970, 0.3537, 0.2827
Android (android.graphics.Color)	4291002017 (0xFFC37EA1)
YUV	150.6210, 5.1168, 38.9204
Hunter-Lab	53.9416, 26.0701, -3.3751

Details

The Yxy color **29.0970, 0.3537, 0.2827** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.0126, 0.2853, 0.3809**, and the grayscale version is **30.7463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4830, 0.3456, 0.2920**, and **11.7117, 0.3684, 0.2681** is the 20% darker color. If you saturate the color by 10%, you get **24.2619, 0.3705, 0.2696**, and if you desaturate by 10%, it is **34.9329, 0.3394, 0.2962**.

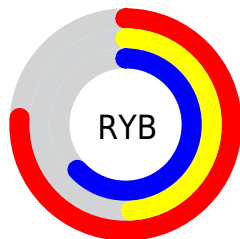
Distribution



Red (76%)

Green (49%)

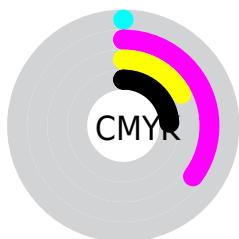
Blue (63%)



Red (76%)

Yellow (49%)

Blue (63%)

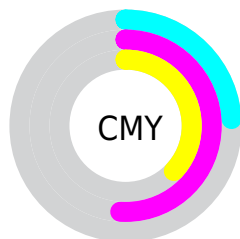


Cyan (0%)

Magenta (35%)

Yellow (17%)

Black (24%)



Cyan (24%)


Magenta (51%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0970, 0.3537, 0.2827 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 29.0970, 0.3537, 0.2827 by changing the saturation by 10% instead.


 29.0970, 0.3537,
0.2827


 29.0970, 0.3537,
0.2827


297.6724, 0.3320,
0.3068

 19.1542, 0.3595,
0.2764


 58.2312, 0.3455,
0.2917

 11.7818, 0.3673,
0.2680


 78.1913, 0.3426,
0.2950

 6.5953, 0.3780,
0.2566


 102.2594, 0.3401,
0.2978

 3.2103, 0.3941,
0.2399

130.8198, 0.3380,
0.3001

 1.2425, 0.4203,
0.2136

164.2569, 0.3362,
0.3022

 0.0960, 0.5432,
0.0601

202.9551, 0.3346,

 0.0000, 0.0000,

0.3039

0.0000

247.2988, 0.3332,
0.3055

■ 29.0970, 0.3537,
0.2827

■ 29.0970, 0.3537,
0.2827

■ 24.2619, 0.3705,
0.2696

■ 34.9329, 0.3394,
0.2962

■ 20.3664, 0.3898,
0.2579

■ 41.8184, 0.3274,
0.3096

■ 17.3486, 0.4115,
0.2485

■ 49.8038, 0.3174,
0.3224

■ 15.1373, 0.4349,
0.2428


■ 58.9349, 0.3091,
0.3345


■ 13.6504, 0.4591,
0.2418

■ 69.2551, 0.3022,
0.3457


 12.7867, 0.4828,
0.2462

 80.8052, 0.2966,
0.3561

 12.5049, 0.4936,
0.2493

 88.7410, 0.2916,
0.3579

 89.2904, 0.2866,
0.3473

 89.8698, 0.2816,
0.3369

Harmonies

Analogous

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



29.0970, 0.2991, 0.2557



29.0970, 0.3537, 0.2827



29.0970, 0.3994, 0.3204

Triad

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



29.0970, 0.3537, 0.2827



29.0970, 0.3700, 0.4242



29.0970, 0.2166, 0.2813

Complementary

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



29.0970, 0.3537, 0.2827



46.0126, 0.2853, 0.3809

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.



29.0970, 0.2320, 0.3288



29.0970, 0.3537, 0.2827



29.0970, 0.3189, 0.4194

Square

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



29.0970, 0.3537, 0.2827



29.0970, 0.4076, 0.4008



29.0970, 0.2686, 0.3824



29.0970, 0.2238, 0.2524

Rectangle

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



29.0970, 0.3537, 0.2827



29.0970, 0.4162, 0.3484



29.0970, 0.2686, 0.3824



29.0970, 0.2192, 0.2954

Sweetspot

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



29.0984, 0.3537, 0.2827



80.6759, 0.3229, 0.3151



26.2681, 0.2804, 0.2325



17.2430, 0.3244, 0.3133



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.



29.0984, 0.3537, 0.2827



45.6479, 0.3656, 0.2731



28.0605, 0.3948, 0.3277



10.1613, 0.3211, 0.3174



8.1426, 0.4906, 0.2476



0.3657, 0.4428, 0.2213

Inverse Universe

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



29.0984, 0.3537, 0.2827



45.6479, 0.3656, 0.2731



47.3639, 0.2641, 0.3305



10.1613, 0.3211, 0.3174



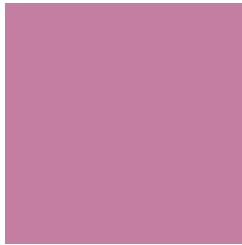
8.1426, 0.4906, 0.2476



0.3657, 0.4428, 0.2213

Previews

White Background



This preview shows how the Yxy color 29.0970, 0.3537, 0.2827 looks on a white background.

Color Contrast Check

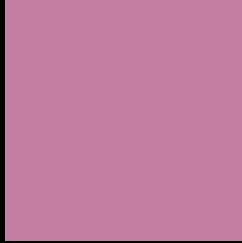
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0970, 0.3537, 0.2827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

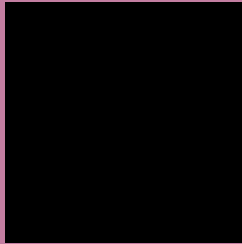
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0970, 0.3537, 0.2827

Background



This preview shows how black text looks on a background with the Yxy color 29.0970, 0.3537, 0.2827.



This preview shows how white text looks on a background with the Yxy color 29.0970, 0.3537, 0.2827.

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

29.0970, 0.3537, 0.2827

Protanopia

29.3645, 0.2833, 0.2862

Deuteranopia

29.2816, 0.3127, 0.3063



Tritanopia

29.1962, 0.3751, 0.3156

Trichromacy



Original Color

29.0970, 0.3537, 0.2827

Protanomaly

28.9069, 0.3064, 0.2849

Deuteranomaly

29.0525, 0.3273, 0.2971

Tritanomaly

29.3080, 0.3671, 0.3035

Monochromacy



Original Color

29.0970, 0.3537, 0.2827

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.9280, 0.3264, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0970, 0.3537, 0.2827 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(195, 126, 161)` looks like.

```
.text, #text, p{  
    color:rgb(195, 126, 161)  
}
```

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(195, 126, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 126, 161) }
```

Border

The CSS property to change the border of an element to Yxy 29.0970, 0.3537, 0.2827 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(195, 126, 161) }
```

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

```
.border{ border-color:rgb(195, 126, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 126, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 126, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 126, 161);  
box-shadow:4px 4px 4px 4px rgb(195, 126,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0970, 0.3537, 0.2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 126, 161) }
```

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

```
.background{ background-color: rgb(195,  
126, 161) }
```

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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