

Converting Colors

$Y_{xy}(28.7138, 0.3614, 0.2857)$

Have a look what the booklet for
Yxy(28.7138, 0.3614, 0.2857)
contains.

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Color

Yxy(28.7199, 0.3611, 0.2856)

Conversions

Conversions Part 1

Format	Color
Hex	C57C9D
RGB	197, 124, 157
RGB Percent	77%, 49%, 62%
CMY	0.2276, 0.5136, 0.3843
CMYK	0.00, 0.37, 0.20, 0.23
HSL	333°, 39%, 63%
HSV	333°, 37%, 77%
XYZ	36.3122, 28.7199, 35.5278
YIQ	149.5890, 32.9150, 25.7390

Conversions

Conversions Part 2

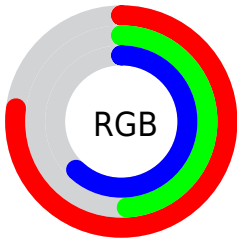
Format	Color
RYB	197, 124, 157
Decimal	12942493
CIELab	60.53, 32.92, -5.73
CIElCh	61, 33.416, 350.118
Yxy	28.7199, 0.3611, 0.2856
Android (android.graphics.Color)	4291132573 (0xFFC57C9D)
YUV	149.5890, 3.6536, 41.5794
Hunter-Lab	53.5910, 27.1639, -1.7923

Details

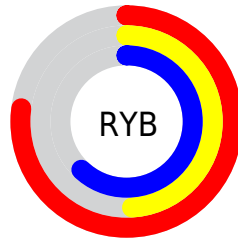
The Yxy color **28.7199, 0.3611, 0.2856** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **46.8827, 0.2816, 0.3775**, and the grayscale version is **30.2911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.8543, 0.3510, 0.2941**, and **11.5565, 0.3779, 0.2706** is the 20% darker color. If you saturate the color by 10%, you get **23.9141, 0.3805, 0.2740**, and if you desaturate by 10%, it is **34.5469, 0.3447, 0.2977**.

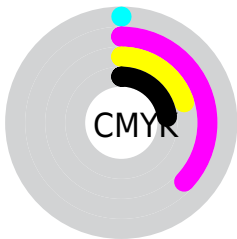
Distribution



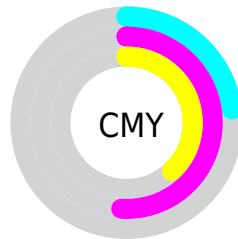
- Red (77%)
- Green (49%)
- Blue (62%)



- Red (77%)
- Yellow (49%)
- Blue (62%)



- Cyan (0%)
- Magenta (37%)
- Yellow (20%)
- Black (23%)





- Cyan (23%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7199, 0.3611, 0.2856 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 28.7199, 0.3611, 0.2856 by changing the saturation by 10% instead.


 28.7199, 0.3611,
0.2856


 28.7199, 0.3611,
0.2856

295.8911, 0.3353,
0.3084

 18.8690, 0.3681,
0.2795


 57.6318, 0.3513,
0.2941

 11.5757, 0.3775,
0.2715


 77.4615, 0.3478,
0.2973

 6.4555, 0.3906,
0.2605


 101.3864, 0.3448,
0.2999

 3.1240, 0.4103,
0.2443

129.7908, 0.3423,
0.3021

 1.1968, 0.4431,
0.2183

163.0591, 0.3402,
0.3040

 0.0591, 0.6212,
0.0427

201.5756, 0.3384,

 0.0000, 0.0000,

0.3057

0.0000

245.7248, 0.3367,
0.3071

■ 28.7199, 0.3611,
0.2856

■ 28.7199, 0.3611,
0.2856

■ 23.9141, 0.3805,
0.2740

■ 34.5469, 0.3447,
0.2977

■ 20.0657, 0.4029,
0.2639

■ 41.4461, 0.3309,
0.3097

■ 17.1097, 0.4281,
0.2563


■ 49.4698, 0.3195,
0.3213


■ 14.9716, 0.4552,
0.2525


■ 58.6656, 0.3101,
0.3322


■ 13.5642, 0.4828,
0.2536

■ 69.0785, 0.3024,
0.3423

 12.7694, 0.5094,
0.2600

 80.7510, 0.2960,
0.3516

 12.5875, 0.5172,
0.2623

 89.2424, 0.2905,
0.3531

 89.8766, 0.2848,
0.3413

 90.5491, 0.2793,
0.3298

Harmonies

Analogous

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



28.7199, 0.3051, 0.2564



28.7199, 0.3611, 0.2856



28.7199, 0.4057, 0.3250

Triad

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



28.7199, 0.3611, 0.2856



28.7199, 0.3657, 0.4280



28.7199, 0.2139, 0.2753

Complementary

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



28.7199, 0.3611, 0.2856



46.8827, 0.2816, 0.3775

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.



28.7199, 0.2269, 0.3223



28.7199, 0.3611, 0.2856



28.7199, 0.3126, 0.4192

Square

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



28.7199, 0.3611, 0.2856



28.7199, 0.4067, 0.4063



28.7199, 0.2620, 0.3779



28.7199, 0.2240, 0.2484

Rectangle

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



28.7199, 0.3611, 0.2856



28.7199, 0.4206, 0.3537



28.7199, 0.2620, 0.3779



28.7199, 0.2157, 0.2890

Sweetspot

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



28.7213, 0.3611, 0.2856



82.4402, 0.3240, 0.3166



26.2297, 0.2821, 0.2286



17.2210, 0.3255, 0.3150



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.



28.7213, 0.3611, 0.2856



44.7187, 0.3757, 0.2767



28.3599, 0.4007, 0.3325



10.7153, 0.3220, 0.3186



8.2992, 0.5141, 0.2606



0.4075, 0.4636, 0.2328

Inverse Universe

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



28.7213, 0.3611, 0.2856



44.7187, 0.3757, 0.2767



47.1374, 0.2610, 0.3254



10.7153, 0.3220, 0.3186



8.2992, 0.5141, 0.2606



0.4075, 0.4636, 0.2328

Previews

White Background



This preview shows how the Yxy color 28.7199, 0.3611, 0.2856 looks on a white background.

Color Contrast Check

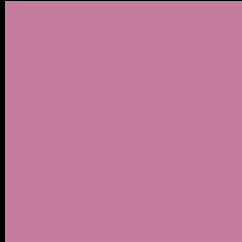
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7199, 0.3611, 0.2856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

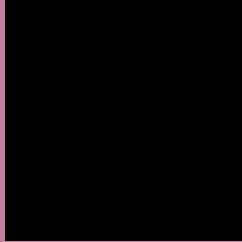
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7199, 0.3611, 0.2856

Background



This preview shows how black text looks on a background with the Yxy color 28.7199, 0.3611, 0.2856.



This preview shows how white text looks on a background with the Yxy color 28.7199, 0.3611, 0.2856.

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

28.7199, 0.3611, 0.2856

Protanopia

28.9039, 0.2867, 0.2904

Deuteranopia

28.8472, 0.3168, 0.3107



Tritanopia

28.8466, 0.3818, 0.3170

Trichromacy



Original Color

28.7199, 0.3611, 0.2856

Protanomaly

28.2893, 0.3115, 0.2876

Deuteranomaly

28.4652, 0.3329, 0.3000

Tritanomaly

28.9281, 0.3748, 0.3064

Monochromacy



Original Color

28.7199, 0.3611, 0.2856

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.5652, 0.3286, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7199, 0.3611, 0.2856 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(197, 124, 157)` looks like.

```
.text, #text, p{  
    color:rgb(197, 124, 157)  
}
```

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(197, 124, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 124, 157) }
```

Border

The CSS property to change the border of an element to Yxy 28.7199, 0.3611, 0.2856 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(197, 124, 157) }
```

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

```
.border{ border-color:rgb(197, 124, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 124, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 124, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 124, 157);  
box-shadow:4px 4px 4px 4px rgb(197, 124,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7199, 0.3611, 0.2856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 124, 157) }
```

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

```
.background{ background-color: rgb(197,  
124, 157) }
```

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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