

Converting Colors

$Y_{xy}(28.6033, 0.3704, 0.2957)$

Have a look what the booklet for
Yxy(28.6033, 0.3704, 0.2957)
contains.

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Color

Yxy(28.4876, 0.3696, 0.2946)

Conversions

Conversions Part 1

Format	Color
Hex	C57C96
RGB	197, 124, 150
RGB Percent	77%, 49%, 59%
CMY	0.2274, 0.5137, 0.4117
CMYK	0.00, 0.37, 0.24, 0.23
HSL	339°, 39%, 63%
HSV	339°, 37%, 77%
XYZ	35.7400, 28.4876, 32.4716
YIQ	148.7910, 35.1620, 23.5620

Conversions

Conversions Part 2

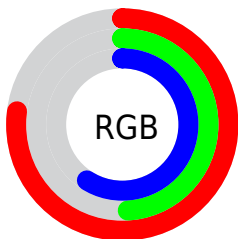
Format	Color
RYB	197, 124, 150
Decimal	12942486
CIELab	60.33, 31.90, -2.02
CIELCh	60, 31.960, 356.369
Yxy	28.4876, 0.3696, 0.2946
Android (android.graphics.Color)	4291132566 (0xFFC57C96)
YUV	148.7910, 0.5960, 42.2793
Hunter-Lab	53.3738, 26.1227, 1.2907

Details

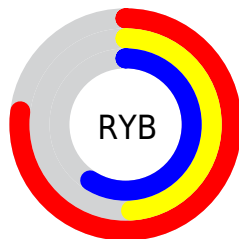
The Yxy color **28.4876, 0.3696, 0.2946** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **47.1606, 0.2772, 0.3669**, and the grayscale version is **29.9497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.4604, 0.3579, 0.3022**, and **11.5492, 0.3905, 0.2844** is the 20% darker color. If you saturate the color by 10%, you get **23.6478, 0.3929, 0.2855**, and if you desaturate by 10%, it is **34.3607, 0.3500, 0.3042**.

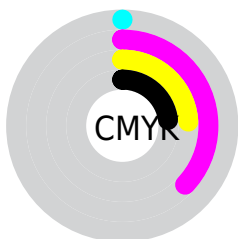
Distribution



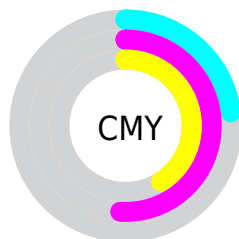
- Red (77%)
- Green (49%)
- Blue (59%)



- Red (77%)
- Yellow (49%)
- Blue (59%)



- Cyan (0%)
- Magenta (37%)
- Yellow (24%)
- Black (23%)





- Cyan (23%)
- Magenta (51%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4876, 0.3696, 0.2946 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 28.4876, 0.3696, 0.2946 by changing the saturation by 10% instead.


 28.4876, 0.3696,
0.2946


 28.4876, 0.3696,
0.2946


294.7896, 0.3390,
0.3130

 18.6935, 0.3780,
0.2896


 57.2620, 0.3579,
0.3016

 11.4491, 0.3894,
0.2829


 77.0111, 0.3537,
0.3041

 6.3697, 0.4055,
0.2735


 100.8474, 0.3502,
0.3062

 3.0712, 0.4299,
0.2594

129.1551, 0.3472,
0.3080

 1.1690, 0.4714,
0.2359

162.3189, 0.3447,
0.3095

 0.0362, 0.7893,
0.0351

200.7229, 0.3425,

 0.0000, 0.0000,

0.3108

0.0000

244.7517, 0.3406,
0.3120

■ 28.4876, 0.3696,
0.2946

■ 28.4876, 0.3696,
0.2946

■ 23.6478, 0.3929,
0.2855

■ 34.3607, 0.3500,
0.3042

■ 19.7768, 0.4201,
0.2777

■ 41.3184, 0.3339,
0.3137

■ 16.8091, 0.4508,
0.2723


■ 49.4138, 0.3206,
0.3229


■ 14.6692, 0.4838,
0.2705


■ 58.6950, 0.3097,
0.3315


■ 13.2693, 0.5170,
0.2734

■ 69.2074, 0.3009,
0.3394


 12.4901, 0.5478,
0.2813

 80.9940, 0.2936,
0.3467

 12.3155, 0.5564,
0.2839

 89.6105, 0.2872,
0.3462

 90.3858, 0.2807,
0.3326

 90.6111, 0.2789,
0.3289

Harmonies

Analogous

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



28.4876, 0.3167, 0.2638



28.4876, 0.3696, 0.2946



28.4876, 0.4078, 0.3340

Triad

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



28.4876, 0.3696, 0.2946



28.4876, 0.3537, 0.4248



28.4876, 0.2178, 0.2705

Complementary

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



28.4876, 0.3696, 0.2946



47.1606, 0.2772, 0.3669

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.



28.4876, 0.2258, 0.3121



28.4876, 0.3696, 0.2946



28.4876, 0.3020, 0.4092

Square

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



28.4876, 0.3696, 0.2946



28.4876, 0.3965, 0.4096



28.4876, 0.2555, 0.3651



28.4876, 0.2320, 0.2487

Rectangle

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



28.4876, 0.3696, 0.2946



28.4876, 0.4177, 0.3617



28.4876, 0.2555, 0.3651



28.4876, 0.2179, 0.2823

Sweetspot

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



28.4890, 0.3696, 0.2946



82.2818, 0.3257, 0.3192



27.0197, 0.2894, 0.2306



17.1834, 0.3276, 0.3179



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.



28.4890, 0.3696, 0.2946



44.2541, 0.3870, 0.2876



30.3035, 0.3971, 0.3423



10.6983, 0.3235, 0.3208



8.1145, 0.5530, 0.2820



0.3980, 0.4948, 0.2499

Inverse Universe

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



28.4890, 0.3696, 0.2946



44.2541, 0.3870, 0.2876



43.9728, 0.2595, 0.3150



10.6983, 0.3235, 0.3208



8.1145, 0.5530, 0.2820



0.3980, 0.4948, 0.2499

Previews

White Background



This preview shows how the Yxy color 28.4876, 0.3696, 0.2946 looks on a white background.

Color Contrast Check

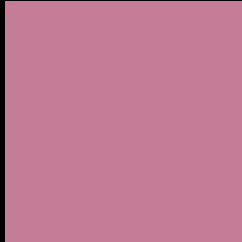
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4876, 0.3696, 0.2946 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 28.4876, 0.3696, 0.2946

Background



This preview shows how black text looks on a background with the Yxy color 28.4876, 0.3696, 0.2946.



This preview shows how white text looks on a background with the Yxy color 28.4876, 0.3696, 0.2946.

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

28.4876, 0.3696, 0.2946

Protanopia

28.7348, 0.2938, 0.3008

Deuteranopia

28.5273, 0.3261, 0.3198



Tritanopia

28.4350, 0.3850, 0.3157

Trichromacy



Original Color

28.4876, 0.3696, 0.2946

Protanomaly

28.1465, 0.3196, 0.2977

Deuteranomaly

28.3503, 0.3417, 0.3101

Tritanomaly

28.3261, 0.3792, 0.3077

Monochromacy



Original Color

28.4876, 0.3696, 0.2946

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.0331, 0.3319, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4876, 0.3696, 0.2946 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(197, 124, 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(197, 124, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 124, 150) }
```

Border

The CSS property to change the border of an element to Yxy 28.4876, 0.3696, 0.2946 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, 150) }
```

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

```
.border{ border-color:rgb(197, 124, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 124, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 124, 150);  
box-shadow:4px 4px 4px 4px rgb(197, 124,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4876, 0.3696, 0.2946 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, 150) }
```

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

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