

Converting Colors

$Y_{xy}(27.9479, 0.3933, 0.2930)$

Have a look what the booklet for
Yxy(27.9479, 0.3933, 0.2930)
contains.

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Color

Yxy(28.0597, 0.3936, 0.2940)

Conversions

Conversions Part 1

Format	Color
Hex	D17490
RGB	209, 116, 144
RGB Percent	82%, 45%, 56%
CMY	0.1805, 0.5450, 0.4353
CMYK	0.00, 0.44, 0.31, 0.18
HSL	342°, 50%, 64%
HSV	342°, 44%, 82%
XYZ	37.5656, 28.0597, 29.8158
YIQ	146.9990, 46.4400, 28.4240

Conversions

Conversions Part 2

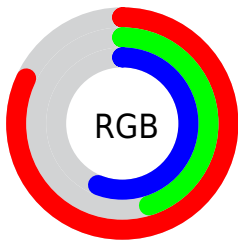
Format	Color
R _Y B	209, 116, 144
Decimal	13726864
CIE Lab	59.94, 39.59, 1.06
CIE LCh	60, 39.609, 1.534
Yxy	28.0597, 0.3936, 0.2940
Android (android.graphics.Color)	4291916944 (0xFFD17490)
YUV	146.9990, -1.4785, 54.3749
Hunter-Lab	52.9714, 33.8866, 3.7076

Details

The Yxy color **28.0597, 0.3936, 0.2940** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **52.6354, 0.2684, 0.3685**, and the grayscale version is **29.1708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0867, 0.3650, 0.3000**, and **11.2641, 0.4215, 0.2816** is the 20% darker color. If you saturate the color by 10%, you get **23.3537, 0.4227, 0.2872**, and if you desaturate by 10%, it is **33.9098, 0.3689, 0.3019**.

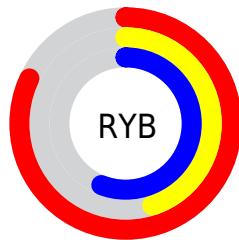
Distribution



Red (82%)

Green (45%)

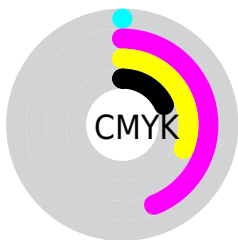
Blue (56%)



Red (82%)

Yellow (45%)

Blue (56%)

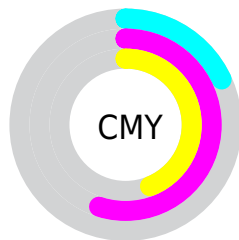


Cyan (0%)

Magenta (44%)

Yellow (31%)

Black (18%)



Cyan (18%)

Magenta (55%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0597, 0.3936, 0.2940 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 28.0597, 0.3936, 0.2940 by changing the saturation by 10% instead.


 28.0597, 0.3936,
0.2940


 28.0597, 0.3936,
0.2940


292.7521, 0.3498,
0.3131


 18.3707, 0.4057,
0.2887


 56.5797, 0.3768,
0.3013

 11.2164, 0.4221,
0.2814


 76.1795, 0.3708,
0.3040

 6.2126, 0.4453,
0.2712

 99.8517, 0.3658,
0.3062

 2.9748, 0.4805,
0.2554

127.9807, 0.3616,
0.3080

 1.1186, 0.5396,
0.2287

160.9508, 0.3580,
0.3095

 0.0000, 1.0000,
0.0000

199.1465, 0.3549,

 0.0000, 0.0000,

0.3109

0.0000

242.9521, 0.3522,
0.3121

■ 28.0597, 0.3936,
0.2940

■ 28.0597, 0.3936,
0.2940

■ 23.3537, 0.4227,
0.2872

■ 33.9098, 0.3689,
0.3019

■ 19.7119, 0.4559,
0.2823

■ 40.9687, 0.3485,
0.3101

■ 17.0507, 0.4919,
0.2807


■ 49.3010, 0.3317,
0.3181


■ 15.2719, 0.5283,
0.2833

■ 58.9657, 0.3180,
0.3257

■ 14.2564, 0.5616,
0.2906

■ 70.0178, 0.3068,
0.3329

 13.9075, 0.5780,
0.2958

 82.5095, 0.2977,
0.3394

 91.7400, 0.2900,
0.3380

 92.2902, 0.2855,
0.3289

Harmonies

Analogous

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



28.0597, 0.3285, 0.2552



28.0597, 0.3936, 0.2940



28.0597, 0.4362, 0.3418

Triad

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



28.0597, 0.3936, 0.2940



28.0597, 0.3509, 0.4492



28.0597, 0.1986, 0.2497

Complementary

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



28.0597, 0.3936, 0.2940



52.6354, 0.2684, 0.3685

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.



28.0597, 0.2030, 0.2961



28.0597, 0.3936, 0.2940



28.0597, 0.2873, 0.4236

Square

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



28.0597, 0.3936, 0.2940



28.0597, 0.4073, 0.4327



28.0597, 0.2338, 0.3622



28.0597, 0.2199, 0.2291

Rectangle

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



28.0597, 0.3936, 0.2940



28.0597, 0.4433, 0.3752



28.0597, 0.2338, 0.3622



28.0597, 0.1972, 0.2623

Sweetspot

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



28.0611, 0.3936, 0.2940



79.2390, 0.3297, 0.3191



26.7470, 0.2877, 0.2110



16.2844, 0.3331, 0.3174



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.



28.0611, 0.3936, 0.2940



37.2127, 0.4200, 0.2877



31.6055, 0.4200, 0.3509



11.8659, 0.3244, 0.3220



8.5935, 0.5743, 0.2937



0.4945, 0.5212, 0.2645

Inverse Universe

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



28.0611, 0.3936, 0.2940



37.2127, 0.4200, 0.2877



45.9840, 0.2491, 0.3051



11.8659, 0.3244, 0.3220



8.5935, 0.5743, 0.2937



0.4945, 0.5212, 0.2645

Previews

White Background



This preview shows how the Yxy color 28.0597, 0.3936, 0.2940 looks on a white background.

Color Contrast Check

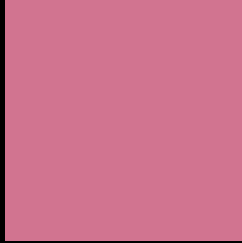
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0597, 0.3936, 0.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

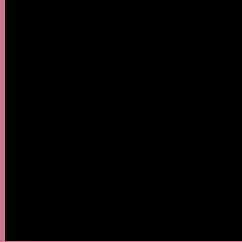
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0597, 0.3936, 0.2940

Background



This preview shows how black text looks on a background with the Yxy color 28.0597, 0.3936, 0.2940.



This preview shows how white text looks on a background with the Yxy color 28.0597, 0.3936, 0.2940.

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

28.0597, 0.3936, 0.2940

Protanopia

28.3594, 0.2956, 0.3023

Deuteranopia

28.2267, 0.3359, 0.3291



Tritanopia

28.0176, 0.4109, 0.3178

Trichromacy



Original Color

28.0597, 0.3936, 0.2940

Protanomaly

27.6322, 0.3275, 0.2979

Deuteranomaly

27.6207, 0.3564, 0.3146

Tritanomaly

28.0880, 0.4047, 0.3089

Monochromacy



Original Color

28.0597, 0.3936, 0.2940

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.2297, 0.3403, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0597, 0.3936, 0.2940 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(209, 116, 144)` looks like.

```
.text, #text, p{  
    color:rgb(209, 116, 144)  
}
```

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(209, 116, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 116, 144) }
```

Border

The CSS property to change the border of an element to Yxy 28.0597, 0.3936, 0.2940 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(209, 116, 144) }
```

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

```
.border{ border-color:rgb(209, 116, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 116, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 116, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 116, 144);  
box-shadow:4px 4px 4px 4px rgb(209, 116,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0597, 0.3936, 0.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 116, 144) }
```

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

```
.background{ background-color: rgb(209,  
116, 144) }
```

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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