

Converting Colors

$Y_{xy}(27.9079, 0.3990, 0.3044)$

Have a look what the booklet for
Yxy(27.9079, 0.3990, 0.3044)
contains.

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Color

Yxy(28.0284, 0.3996, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	CF7689
RGB	207, 118, 137
RGB Percent	81%, 46%, 54%
CMY	0.1883, 0.5372, 0.4627
CMYK	0.00, 0.43, 0.34, 0.19
HSL	347°, 48%, 64%
HSV	347°, 43%, 81%
XYZ	36.7218, 28.0284, 27.1462
YIQ	146.7770, 46.9450, 24.7770

Conversions

Conversions Part 2

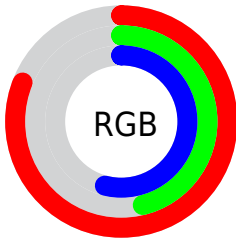
Format	Color
R_{YB}	207, 118, 137
Decimal	13596297
CIE Lab	59.91, 36.95, 5.01
CIE LCh	60, 37.286, 7.722
Yxy	28.0284, 0.3996, 0.3050
Android (android.graphics.Color)	4291786377 (0xFFCF7689)
YUV	146.7770, -4.8201, 52.8156
Hunter-Lab	52.9419, 31.1638, 6.6581

Details

The Yxy color **28.0284, 0.3996, 0.3050** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **52.0973, 0.2652, 0.3555**, and the grayscale version is **29.0882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4828, 0.3719, 0.3103**, and **11.1865, 0.4313, 0.2959** is the 20% darker color. If you saturate the color by 10%, you get **23.2448, 0.4322, 0.3002**, and if you desaturate by 10%, it is **33.9547, 0.3722, 0.3106**.

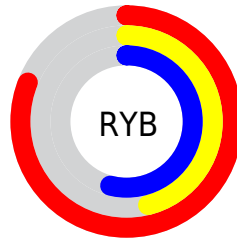
Distribution



Red (81%)

Green (46%)

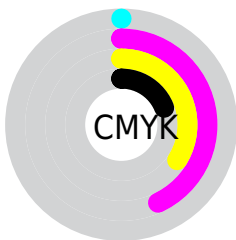
Blue (54%)



Red (81%)

Yellow (46%)

Blue (54%)

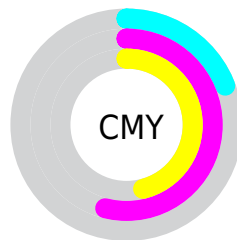


Cyan (0%)

Magenta (43%)

Yellow (34%)

Black (19%)



Cyan (19%)


Magenta (54%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0284, 0.3996, 0.3050 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 28.0284, 0.3996, 0.3050 by changing the saturation by 10% instead.


 28.0284, 0.3996,
0.3050


 28.0284, 0.3996,
0.3050

292.6026, 0.3523,
0.3187


 18.3471, 0.4128,
0.3010


 56.5298, 0.3814,
0.3104

 11.1995, 0.4306,
0.2954


 76.1186, 0.3749,
0.3123

 6.2012, 0.4560,
0.2871

 99.7788, 0.3695,
0.3138

 2.9678, 0.4947,
0.2738

127.8946, 0.3650,
0.3151

 1.1149, 0.5603,
0.2501

160.8505, 0.3611,
0.3162

 0.0000, 1.0000,
0.0000

199.0308, 0.3577,

 0.0000, 0.0000,

0.3172

0.0000

242.8201, 0.3548,
0.3180

■ 28.0284, 0.3996,
0.3050

■ 28.0284, 0.3996,
0.3050

■ 23.2448, 0.4322,
0.3002

■ 33.9547, 0.3722,
0.3106

■ 19.5260, 0.4695,
0.2969

■ 41.0869, 0.3497,
0.3164

■ 16.7907, 0.5099,
0.2962

■ 49.4883, 0.3314,
0.3221


■ 14.9441, 0.5501,
0.2989

■ 59.2166, 0.3166,
0.3275

■ 13.8724, 0.5853,
0.3053

■ 70.3261, 0.3046,
0.3325

 13.4454, 0.6055,
0.3109

 82.8679, 0.2948,
0.3370

 91.7446, 0.2864,
0.3331

 92.0021, 0.2843,
0.3289

Harmonies

Analogous

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



28.0284, 0.3410, 0.2656



28.0284, 0.3996, 0.3050



28.0284, 0.4329, 0.3516

Triad

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



28.0284, 0.3996, 0.3050



28.0284, 0.3369, 0.4403



28.0284, 0.2066, 0.2482

Complementary

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



28.0284, 0.3996, 0.3050



52.0973, 0.2652, 0.3555

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.



28.0284, 0.2058, 0.2874



28.0284, 0.3996, 0.3050



28.0284, 0.2774, 0.4076

Square

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



28.0284, 0.3996, 0.3050



28.0284, 0.3928, 0.4329



28.0284, 0.2302, 0.3470



28.0284, 0.2319, 0.2331

Rectangle

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



28.0284, 0.3996, 0.3050



28.0284, 0.4346, 0.3830



28.0284, 0.2302, 0.3470



28.0284, 0.2036, 0.2586

Sweetspot

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



28.0298, 0.3996, 0.3050



79.0760, 0.3317, 0.3220



28.1187, 0.2978, 0.2181



16.2445, 0.3355, 0.3208



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.



28.0298, 0.3996, 0.3050



37.5026, 0.4309, 0.3003



34.2825, 0.4096, 0.3614



11.8490, 0.3257, 0.3241



8.4848, 0.6023, 0.3092



0.4864, 0.5502, 0.2804

Inverse Universe

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



28.0298, 0.3996, 0.3050



37.5026, 0.4309, 0.3003



41.7192, 0.2488, 0.2931



11.8490, 0.3257, 0.3241



8.4848, 0.6023, 0.3092



0.4864, 0.5502, 0.2804

Previews

White Background



This preview shows how the Yxy color 28.0284, 0.3996, 0.3050 looks on a white background.

Color Contrast Check

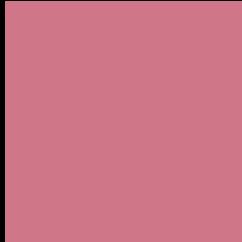
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0284, 0.3996, 0.3050 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 28.0284, 0.3996, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 28.0284, 0.3996, 0.3050.



This preview shows how white text looks on a background with the Yxy color 28.0284, 0.3996, 0.3050.

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

28.0284, 0.3996, 0.3050

Protanopia

28.2333, 0.3060, 0.3163

Deuteranopia

28.2362, 0.3456, 0.3399



Tritanopia

28.1133, 0.4093, 0.3190

Trichromacy



Original Color

28.0284, 0.3996, 0.3050

Protanomaly

27.7594, 0.3372, 0.3112

Deuteranomaly

27.8075, 0.3654, 0.3263

Tritanomaly

27.9542, 0.4059, 0.3139

Monochromacy



Original Color

28.0284, 0.3996, 0.3050

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.0265, 0.3425, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0284, 0.3996, 0.3050 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(207, 118, 137)` looks like.

```
.text, #text, p{  
    color:rgb(207, 118, 137)  
}
```

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(207, 118, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 118, 137) }
```

Border

The CSS property to change the border of an element to Yxy 28.0284, 0.3996, 0.3050 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(207, 118, 137) }
```

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

```
.border{ border-color:rgb(207, 118, 137) }
```

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

Here you see how a box with a 4 pixel rgb(207, 118, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 118, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 118, 137);  
box-shadow:4px 4px 4px 4px rgb(207, 118,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0284, 0.3996, 0.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 118, 137) }
```

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

```
.background{ background-color: rgb(207,  
118, 137) }
```

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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