

Converting Colors

$Y_{xy}(27.8985, 0.3995, 0.3074)$

Have a look what the booklet for
Yxy(27.8985, 0.3995, 0.3074)
contains.

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Color

Yxy(27.9504, 0.3982, 0.3073)

Conversions

Conversions Part 1

Format	Color
Hex	CD7788
RGB	205, 119, 136
RGB Percent	80%, 47%, 53%
CMY	0.1961, 0.5333, 0.4666
CMYK	0.00, 0.42, 0.34, 0.20
HSL	348°, 46%, 64%
HSV	348°, 42%, 80%
XYZ	36.2182, 27.9504, 26.7862
YIQ	146.6520, 45.7990, 23.5190

Conversions

Conversions Part 2

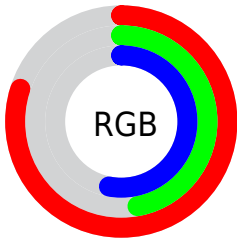
Format	Color
R _Y B	205, 119, 136
Decimal	13465480
CIE Lab	59.84, 35.58, 5.45
CIE LCh	60, 35.994, 8.705
Yxy	27.9504, 0.3982, 0.3073
Android (android.graphics.Color)	4291655560 (0xFFCD7788)
YUV	146.6520, -5.2514, 51.1712
Hunter-Lab	52.8681, 29.7651, 6.9678

Details

The Yxy color **27.9504, 0.3982, 0.3073** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **51.2137, 0.2653, 0.3528**, and the grayscale version is **29.0357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.8213, 0.3725, 0.3124**, and **11.1020, 0.4294, 0.2987** is the 20% darker color. If you saturate the color by 10%, you get **23.1548, 0.4309, 0.3028**, and if you desaturate by 10%, it is **33.8728, 0.3708, 0.3125**.

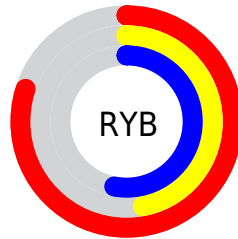
Distribution



Red (80%)

Green (47%)

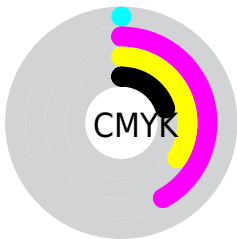
Blue (53%)



Red (80%)

Yellow (47%)

Blue (53%)

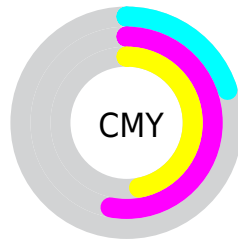


Cyan (0%)

Magenta (42%)

Yellow (34%)

Black (20%)



Cyan (20%)

Magenta (53%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9504, 0.3982, 0.3073 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 27.9504, 0.3982, 0.3073 by changing the saturation by 10% instead.


 27.9504, 0.3982,
0.3073

 27.9504, 0.3982,
0.3073


292.2298, 0.3516,
0.3198


 18.2883, 0.4112,
0.3036


 56.4052, 0.3803,
0.3123

 11.1572, 0.4288,
0.2984


 75.9668, 0.3738,
0.3140

 6.1726, 0.4539,
0.2906


 99.5968, 0.3685,
0.3154

 2.9503, 0.4923,
0.2781

127.6799, 0.3641,
0.3166

 1.1059, 0.5581,
0.2556

160.6003, 0.3603,
0.3176

 0.0000, 1.0000,
0.0000

198.7425, 0.3570,

 0.0000, 0.0000,

0.3184

0.0000

242.4909, 0.3541,
0.3191

■ 27.9504, 0.3982,
0.3073

■ 27.9504, 0.3982,
0.3073

■ 23.1548, 0.4309,
0.3028

■ 33.8728, 0.3708,
0.3125

■ 19.4103, 0.4686,
0.2996

■ 40.9830, 0.3483,
0.3179

■ 16.6384, 0.5096,
0.2988


■ 49.3429, 0.3300,
0.3231


■ 14.7476, 0.5505,
0.3012

■ 59.0084, 0.3152,
0.3281

■ 13.6290, 0.5865,
0.3071

■ 70.0324, 0.3033,
0.3326

 13.1358, 0.6095,
0.3131

 82.4648, 0.2936,
0.3368

 91.4716, 0.2853,
0.3329

 91.7187, 0.2833,
0.3289

Harmonies

Analogous

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



27.9504, 0.3422, 0.2686



27.9504, 0.3982, 0.3073



27.9504, 0.4293, 0.3527

Triad

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



27.9504, 0.3982, 0.3073



27.9504, 0.3344, 0.4358



27.9504, 0.2102, 0.2500

Complementary

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



27.9504, 0.3982, 0.3073



51.2137, 0.2653, 0.3528

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.



27.9504, 0.2086, 0.2874



27.9504, 0.3982, 0.3073



27.9504, 0.2769, 0.4031

Square

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



27.9504, 0.3982, 0.3073



27.9504, 0.3889, 0.4303



27.9504, 0.2317, 0.3444



27.9504, 0.2356, 0.2358

Rectangle

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



27.9504, 0.3982, 0.3073



27.9504, 0.4303, 0.3831



27.9504, 0.2317, 0.3444



27.9504, 0.2070, 0.2598

Sweetspot

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



27.9518, 0.3982, 0.3073



79.0471, 0.3320, 0.3225



28.2683, 0.2998, 0.2212



16.2375, 0.3359, 0.3214



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.



27.9518, 0.3982, 0.3073



38.8592, 0.4263, 0.3033



34.5013, 0.4056, 0.3625



11.2494, 0.3259, 0.3244



8.1887, 0.6063, 0.3114



0.4334, 0.5521, 0.2815

Inverse Universe

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



27.9518, 0.3982, 0.3073



38.8592, 0.4263, 0.3033



40.6502, 0.2499, 0.2920



11.2494, 0.3259, 0.3244



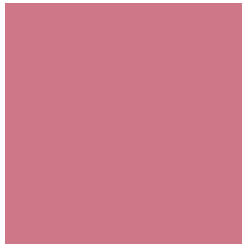
8.1887, 0.6063, 0.3114



0.4334, 0.5521, 0.2815

Previews

White Background



This preview shows how the Yxy color 27.9504, 0.3982, 0.3073 looks on a white background.

Color Contrast Check

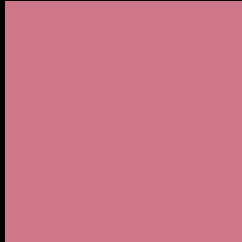
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9504, 0.3982, 0.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

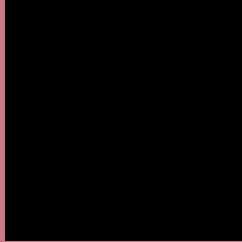
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9504, 0.3982, 0.3073

Background



This preview shows how black text looks on a background with the Yxy color 27.9504, 0.3982, 0.3073.



This preview shows how white text looks on a background with the Yxy color 27.9504, 0.3982, 0.3073.

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

27.9504, 0.3982, 0.3073

Protanopia

28.2595, 0.3090, 0.3195

Deuteranopia

28.2086, 0.3467, 0.3414



Tritanopia

27.8553, 0.4057, 0.3176

Trichromacy



Original Color

27.9504, 0.3982, 0.3073

Protanomaly

27.5878, 0.3382, 0.3140

Deuteranomaly

27.6610, 0.3654, 0.3277

Tritanomaly

27.9363, 0.4018, 0.3137

Monochromacy



Original Color

27.9504, 0.3982, 0.3073

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.1993, 0.3411, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9504, 0.3982, 0.3073 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(205, 119, 136)` looks like.

```
.text, #text, p{  
    color:rgb(205, 119, 136)  
}
```

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(205, 119, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 119, 136) }
```

Border

The CSS property to change the border of an element to Yxy 27.9504, 0.3982, 0.3073 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(205, 119, 136) }
```

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

```
.border{ border-color:rgb(205, 119, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 119, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 119, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 119, 136);  
box-shadow:4px 4px 4px 4px rgb(205, 119,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9504, 0.3982, 0.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 119, 136) }
```

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

```
.background{ background-color: rgb(205,  
119, 136) }
```

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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