

Converting Colors

$Y_{xy}(28.7405, 0.3986, 0.3002)$

Have a look what the booklet for
Yxy(28.7405, 0.3986, 0.3002)
contains.

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Color

Yxy(28.7288, 0.3990, 0.3005)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D3768D |
| RGB | 211, 118, 141 |
| RGB Percent | 83%, 46%, 55% |
| CMY | 0.1726, 0.5372, 0.4471 |
| CMYK | 0.00, 0.44, 0.33, 0.17 |
| HSL | 345°, 51%, 65% |
| HSV | 345°, 44%, 83% |
| XYZ | 38.1457, 28.7288, 28.7288 |
| YIQ | 148.4290, 48.0450, 26.8690 |

Conversions

Conversions Part 2

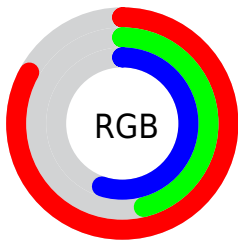
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 211, 118, 141 |
| Decimal | 13858445 |
| CIE Lab | 60.54, 38.89, 3.69 |
| CIE LCh | 61, 39.067, 5.421 |
| Yxy | 28.7288, 0.3990, 0.3005 |
| Android (android.graphics.Color) | 4292048525 (0xFFD3768D) |
| YUV | 148.4290, -3.6625, 54.8748 |
| Hunter-Lab | 53.5993, 33.2369, 5.7405 |

Details

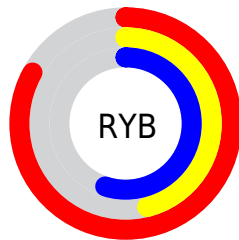
The Yxy color **28.7288, 0.3990, 0.3005** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **54.0645, 0.2659, 0.3608**, and the grayscale version is **29.8046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7052, 0.3673, 0.3052**, and **11.6397, 0.4295, 0.2903** is the 20% darker color. If you saturate the color by 10%, you get **23.8642, 0.4306, 0.2950**, and if you desaturate by 10%, it is **34.7753, 0.3724, 0.3070**.

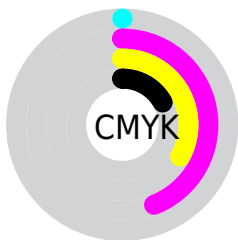
Distribution



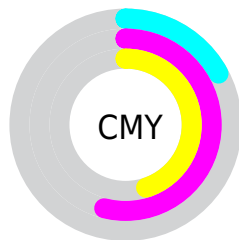
- Red (83%)
- Green (46%)
- Blue (55%)



- Red (83%)
- Yellow (46%)
- Blue (55%)



- Cyan (0%)
- Magenta (44%)
- Yellow (33%)
- Black (17%)





- Cyan (17%)
- Magenta (54%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.7288, 0.3990, 0.3005 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 28.7288, 0.3990, 0.3005 by changing the saturation by 10% instead.


 28.7288, 0.3990,
0.3005


 28.7288, 0.3990,
0.3005


295.9332, 0.3523,
0.3164

 18.8758, 0.4119,
0.2959


 57.6459, 0.3811,
0.3067

 11.5805, 0.4293,
0.2897


 77.4788, 0.3747,
0.3089

 6.4587, 0.4540,
0.2807


 101.4071, 0.3693,
0.3107

 3.1260, 0.4912,
0.2666

129.8151, 0.3648,
0.3122

 1.1979, 0.5533,
0.2420

163.0874, 0.3610,
0.3135

 0.0600, 0.9444,
0.0556


201.6082, 0.3577,


 0.0000, 0.0000,


0.3146


0.0000


245.7620, 0.3548,
0.3155


 28.7288, 0.3990,
0.3005

 28.7288, 0.3990,
0.3005


 23.8642, 0.4306,
0.2950


 34.7753, 0.3724,
0.3070


 20.0995, 0.4666,
0.2912


 42.0703, 0.3504,
0.3137


 17.3487, 0.5056,
0.2904


 50.6802, 0.3324,
0.3203

 15.5113, 0.5443,
0.2934


 60.6658, 0.3178,
0.3266

 14.4653, 0.5786,
0.3005

 72.0838, 0.3060,
0.3324

 14.0955, 0.5960,
0.3057

 84.9878, 0.2964,
0.3378

 92.4065, 0.2881,
0.3318

 92.5864, 0.2866,
0.3289

Harmonies

Analogous

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



28.7288, 0.3369, 0.2608



28.7288, 0.3990, 0.3005



28.7288, 0.4363, 0.3482

Triad

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



28.7288, 0.3990, 0.3005



28.7288, 0.3423, 0.4457



28.7288, 0.2020, 0.2473

Complementary

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



28.7288, 0.3990, 0.3005



54.0645, 0.2659, 0.3608

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.



28.7288, 0.2031, 0.2897



28.7288, 0.3990, 0.3005



28.7288, 0.2803, 0.4150

Square

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



28.7288, 0.3990, 0.3005



28.7288, 0.3994, 0.4346



28.7288, 0.2301, 0.3527



28.7288, 0.2261, 0.2301

Rectangle

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



28.7288, 0.3990, 0.3005



28.7288, 0.4399, 0.3808



28.7288, 0.2301, 0.3527



28.7288, 0.1995, 0.2586

Sweetspot

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



28.7302, 0.3990, 0.3005



79.1384, 0.3309, 0.3209



28.3220, 0.2942, 0.2141



16.2598, 0.3345, 0.3195



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.



28.7302, 0.3990, 0.3005



36.9648, 0.4289, 0.2952



34.2812, 0.4150, 0.3584



11.8555, 0.3252, 0.3233



8.5220, 0.5923, 0.3036



0.4894, 0.5390, 0.2743

Inverse Universe

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



28.7302, 0.3990, 0.3005



36.9648, 0.4289, 0.2952



44.4114, 0.2480, 0.2965



11.8555, 0.3252, 0.3233



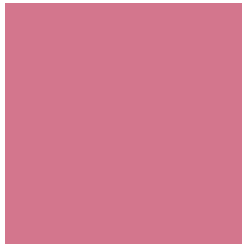
8.5220, 0.5923, 0.3036



0.4894, 0.5390, 0.2743

Previews

White Background



This preview shows how the Yxy color 28.7288, 0.3990, 0.3005 looks on a white background.

Color Contrast Check

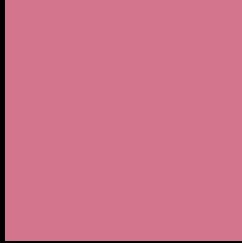
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7288, 0.3990, 0.3005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

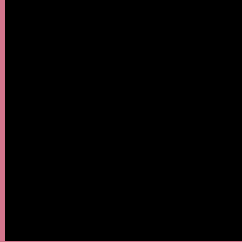
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7288, 0.3990, 0.3005

Background



This preview shows how black text looks on a background with the Yxy color 28.7288, 0.3990, 0.3005.



This preview shows how white text looks on a background with the Yxy color 28.7288, 0.3990, 0.3005.

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

28.7288, 0.3990, 0.3005

Protanopia

29.1031, 0.3023, 0.3118

Deuteranopia

28.7484, 0.3422, 0.3352



Tritanopia

28.7196, 0.4125, 0.3180

Trichromacy



Original Color

28.7288, 0.3990, 0.3005

Protanomaly

28.3887, 0.3349, 0.3070

Deuteranomaly

28.4338, 0.3627, 0.3220

Tritanomaly

28.5887, 0.4078, 0.3116

Monochromacy



Original Color

28.7288, 0.3990, 0.3005

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.5936, 0.3423, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7288, 0.3990, 0.3005 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(211, 118, 141)` looks like.

```
.text, #text, p{  
    color:rgb(211, 118, 141)  
}
```

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(211, 118, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 118, 141) }
```

Border

The CSS property to change the border of an element to Yxy 28.7288, 0.3990, 0.3005 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(211, 118, 141) }
```

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

```
.border{ border-color:rgb(211, 118, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 118, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 118, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 118, 141);  
box-shadow:4px 4px 4px 4px rgb(211, 118,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7288, 0.3990, 0.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 118, 141) }
```

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

```
.background{ background-color: rgb(211,  
118, 141) }
```

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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