

Converting Colors

$Y_{xy}(28.3551, 0.3839, 0.2798)$

Have a look what the booklet for
Yxy(28.3551, 0.3839, 0.2798)
contains.

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Color

Yxy(28.3648, 0.3848, 0.2798)

Conversions

Conversions Part 1

Format	Color
Hex	D4729A
RGB	212, 114, 154
RGB Percent	83%, 45%, 60%
CMY	0.1685, 0.5530, 0.3960
CMYK	0.00, 0.46, 0.27, 0.17
HSL	335°, 53%, 64%
HSV	335°, 46%, 83%
XYZ	39.0092, 28.3648, 34.0013
YIQ	147.8620, 45.5680, 33.2160

Conversions

Conversions Part 2

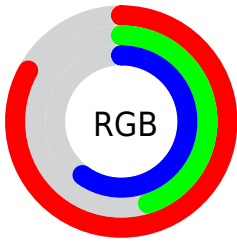
Format	Color
R _Y B	212, 114, 154
Decimal	13922970
CIE Lab	60.22, 43.05, -4.28
CIE LCh	60, 43.266, 354.323
Yxy	28.3648, 0.3848, 0.2798
Android (android.graphics.Color)	4292113050 (0xFFD4729A)
YUV	147.8620, 3.0260, 56.2490
Hunter-Lab	53.2586, 37.5395, -0.5708

Details

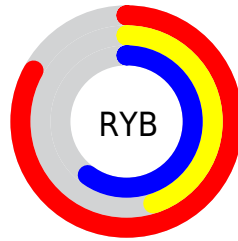
The Yxy color **28.3648, 0.3848, 0.2798** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **53.6559, 0.2730, 0.3861**, and the grayscale version is **29.5269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8193, 0.3563, 0.2878**, and **11.3931, 0.4096, 0.2638** is the 20% darker color. If you saturate the color by 10%, you get **23.7290, 0.4093, 0.2706**, and if you desaturate by 10%, it is **34.1555, 0.3637, 0.2904**.

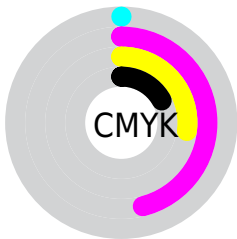
Distribution



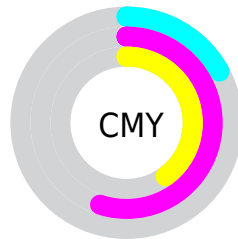
- Red (83%)
- Green (45%)
- Blue (60%)



- Red (83%)
- Yellow (45%)
- Blue (60%)



- Cyan (0%)
- Magenta (46%)
- Yellow (27%)
- Black (17%)





- Cyan (17%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3648, 0.3848, 0.2798 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 28.3648, 0.3848, 0.2798 by changing the saturation by 10% instead.

 28.3648, 0.3848,
0.2798

 28.3648, 0.3848,
0.2798


294.2060, 0.3462,
0.3057

 18.6008, 0.3953,
0.2729


 57.0663, 0.3701,
0.2896

 11.3822, 0.4094,
0.2637


 76.7727, 0.3648,
0.2931

 6.3245, 0.4292,
0.2510


 100.5620, 0.3604,
0.2961

 3.0434, 0.4588,
0.2324

128.8186, 0.3567,
0.2986

 1.1544, 0.5076,
0.2028

161.9269, 0.3535,
0.3008

 0.0240, 0.7583,
0.0166

200.2713, 0.3507,

 0.0000, 1.0000,

0.3027

0.0000

244.2362, 0.3483,
0.3043

0.0000, 0.0000,
0.0000

28.3648, 0.3848,
0.2798

28.3648, 0.3848,
0.2798

23.7290, 0.4093,
0.2706

34.1555, 0.3637,
0.2904

20.1650, 0.4370,
0.2638

41.1684, 0.3460,
0.3014

17.5849, 0.4669,
0.2607


49.4707, 0.3313,
0.3123


15.8850, 0.4973,
0.2625


59.1232, 0.3192,
0.3228


14.9350, 0.5262,
0.2696

70.1832, 0.3092,
0.3326

 14.6828, 0.5366,
0.2730

 82.7042, 0.3010,
0.3417

 91.9220, 0.2942,
0.3426

 92.7012, 0.2875,
0.3296

 92.7414, 0.2872,
0.3289

Harmonies

Analogous

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



28.3648, 0.3119, 0.2419



28.3648, 0.3848, 0.2798



28.3648, 0.4395, 0.3291

Triad

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



28.3648, 0.3848, 0.2798



28.3648, 0.3693, 0.4592



28.3648, 0.1886, 0.2522

Complementary

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



28.3648, 0.3848, 0.2798



53.6559, 0.2730, 0.3861

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.



28.3648, 0.1998, 0.3084



28.3648, 0.3848, 0.2798



28.3648, 0.3007, 0.4442

Square

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



28.3648, 0.3848, 0.2798



28.3648, 0.4261, 0.4312



28.3648, 0.2390, 0.3832



28.3648, 0.2048, 0.2241

Rectangle

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



28.3648, 0.3848, 0.2798



28.3648, 0.4541, 0.3647



28.3648, 0.2390, 0.3832



28.3648, 0.1892, 0.2679

Sweetspot

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



28.3662, 0.3848, 0.2798



78.0133, 0.3285, 0.3146



25.4636, 0.2766, 0.2028



16.0529, 0.3314, 0.3122



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.



28.3662, 0.3848, 0.2798



36.4441, 0.4076, 0.2711



29.1728, 0.4326, 0.3395



12.5041, 0.3228, 0.3195



9.0804, 0.5330, 0.2710



0.5639, 0.4878, 0.2461

Inverse Universe

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



28.3662, 0.3848, 0.2798



36.4441, 0.4076, 0.2711



51.4498, 0.2494, 0.3177



12.5041, 0.3228, 0.3195



9.0804, 0.5330, 0.2710



0.5639, 0.4878, 0.2461

Previews

White Background



This preview shows how the Yxy color 28.3648, 0.3848, 0.2798 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 28.3648, 0.3848, 0.2798 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 28.3648, 0.3848, 0.2798

Background



This preview shows how black text looks on a background with the Yxy color 28.3648, 0.3848, 0.2798.



This preview shows how white text looks on a background with the Yxy color 28.3648, 0.3848, 0.2798.

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

28.3648, 0.3848, 0.2798

Protanopia

28.5391, 0.2821, 0.2842

Deuteranopia

28.4888, 0.3230, 0.3168



Tritanopia

28.4538, 0.4143, 0.3180

Trichromacy



Original Color

28.3648, 0.3848, 0.2798

Protanomaly

27.6352, 0.3150, 0.2808

Deuteranomaly

27.9319, 0.3449, 0.3004

Tritanomaly

28.3776, 0.4046, 0.3042

Monochromacy



Original Color

28.3648, 0.3848, 0.2798

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.4683, 0.3371, 0.3085

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3648, 0.3848, 0.2798 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(212, 114, 154)` looks like.

```
.text, #text, p{  
    color:rgb(212, 114, 154)  
}
```

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(212, 114, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 114, 154) }
```

Border

The CSS property to change the border of an element to Yxy 28.3648, 0.3848, 0.2798 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(212, 114, 154) }
```

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

```
.border{ border-color:rgb(212, 114, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 114, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 114, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 114, 154);  
box-shadow:4px 4px 4px 4px rgb(212, 114,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3648, 0.3848, 0.2798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 114, 154) }
```

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

```
.background{ background-color: rgb(212,  
114, 154) }
```

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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