

Converting Colors

$Y_{xy}(28.3166, 0.3986, 0.2944)$

Have a look what the booklet for
Yxy(28.3166, 0.3986, 0.2944)
contains.

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Color

Yxy(28.2417, 0.3987, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	D4738F
RGB	212, 115, 143
RGB Percent	83%, 45%, 56%
CMY	0.1687, 0.5489, 0.4392
CMYK	0.00, 0.46, 0.33, 0.17
HSL	343°, 53%, 64%
HSV	343°, 46%, 83%
XYZ	38.2342, 28.2417, 29.4212
YIQ	147.1950, 48.8240, 29.2720

Conversions

Conversions Part 2

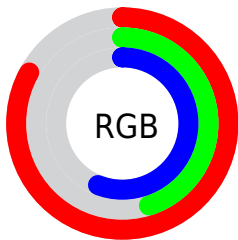
Format	Color
R _Y B	212, 115, 143
Decimal	13923215
CIE Lab	60.11, 41.05, 1.92
CIE LCh	60, 41.097, 2.676
Yxy	28.2417, 0.3987, 0.2945
Android (android.graphics.Color)	4292113295 (0xFFD4738F)
YUV	147.1950, -2.0681, 56.8340
Hunter-Lab	53.1429, 35.4234, 4.3756

Details

The Yxy color **28.2417, 0.3987, 0.2945** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **54.1810, 0.2668, 0.3681**, and the grayscale version is **29.2579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6672, 0.3662, 0.3000**, and **11.3139, 0.4295, 0.2813** is the 20% darker color. If you saturate the color by 10%, you get **23.5240, 0.4290, 0.2882**, and if you desaturate by 10%, it is **34.1351, 0.3729, 0.3020**.

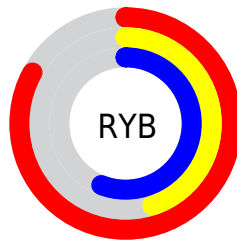
Distribution



Red (83%)

Green (45%)

Blue (56%)



Red (83%)

Yellow (45%)

Blue (56%)

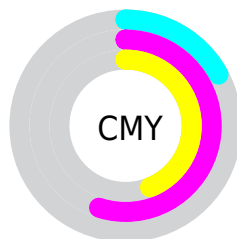


Cyan (0%)

Magenta (46%)

Yellow (33%)

Black (17%)



Cyan (17%)


Magenta (55%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2417, 0.3987, 0.2945 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 28.2417, 0.3987, 0.2945 by changing the saturation by 10% instead.


 28.2417, 0.3987,
0.2945


 28.2417, 0.3987,
0.2945


293.6201, 0.3521,
0.3134


 18.5079, 0.4116,
0.2892


 56.8701, 0.3809,
0.3018

 11.3153, 0.4289,
0.2820


 76.5335, 0.3745,
0.3044

 6.2793, 0.4535,
0.2716


 100.2756, 0.3691,
0.3066

 3.0157, 0.4907,
0.2558

128.4808, 0.3647,
0.3084

 1.1399, 0.5527,
0.2287

161.5334, 0.3608,
0.3099

 0.0118, 0.9886,
0.0114

199.8179, 0.3575,

 0.0000, 0.0000,

0.3112


0.0000


243.7187, 0.3547,
0.3124


 28.2417, 0.3987,
0.2945

 28.2417, 0.3987,
0.2945

 23.5240, 0.4290,
0.2882


 34.1351, 0.3729,
0.3020

 19.8982, 0.4634,
0.2840


 41.2722, 0.3515,
0.3098

 17.2759, 0.5004,
0.2830


 49.7208, 0.3340,
0.3176

 15.5531, 0.5371,
0.2864

 59.5424, 0.3197,
0.3250


 14.6017, 0.5699,
0.2944

 70.7947, 0.3080,
0.3319

 14.3318, 0.5825,
0.2983

 83.5322, 0.2986,
0.3382

 92.3256, 0.2905,
0.3356

 92.7331, 0.2871,
0.3289

Harmonies

Analogous

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



28.2417, 0.3316, 0.2542



28.2417, 0.3987, 0.2945



28.2417, 0.4414, 0.3438

Triad

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



28.2417, 0.3987, 0.2945



28.2417, 0.3494, 0.4535



28.2417, 0.1955, 0.2457

Complementary

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



28.2417, 0.3987, 0.2945



54.1810, 0.2668, 0.3681

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.



28.2417, 0.1989, 0.2924



28.2417, 0.3987, 0.2945



28.2417, 0.2838, 0.4254

Square

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



28.2417, 0.3987, 0.2945



28.2417, 0.4083, 0.4372



28.2417, 0.2294, 0.3605



28.2417, 0.2183, 0.2257

Rectangle

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



28.2417, 0.3987, 0.2945



28.2417, 0.4476, 0.3781



28.2417, 0.2294, 0.3605



28.2417, 0.1937, 0.2583

Sweetspot

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



28.2431, 0.3987, 0.2945



77.7705, 0.3315, 0.3188



27.0726, 0.2883, 0.2081



15.9942, 0.3349, 0.3171



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.



28.2431, 0.3987, 0.2945



35.8384, 0.4285, 0.2883



32.3963, 0.4236, 0.3535



12.4792, 0.3246, 0.3223



8.8654, 0.5789, 0.2963



0.5490, 0.5289, 0.2687

Inverse Universe

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



28.2431, 0.3987, 0.2945



35.8384, 0.4285, 0.2883



46.3547, 0.2471, 0.3020



12.4792, 0.3246, 0.3223



8.8654, 0.5789, 0.2963



0.5490, 0.5289, 0.2687

Previews

White Background



This preview shows how the Yxy color 28.2417, 0.3987, 0.2945 looks on a white background.

Color Contrast Check

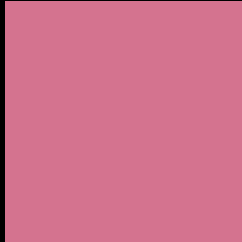
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2417, 0.3987, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

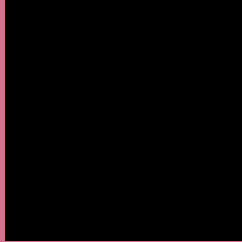
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2417, 0.3987, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 28.2417, 0.3987, 0.2945.



This preview shows how white text looks on a background with the Yxy color 28.2417, 0.3987, 0.2945.

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

28.2417, 0.3987, 0.2945

Protanopia

28.4139, 0.2975, 0.3039

Deuteranopia

28.3016, 0.3381, 0.3306



Tritanopia

28.3381, 0.4172, 0.3180

Trichromacy



Original Color

28.2417, 0.3987, 0.2945

Protanomaly

27.5432, 0.3310, 0.2981

Deuteranomaly

27.8293, 0.3599, 0.3162

Tritanomaly

28.2649, 0.4099, 0.3093

Monochromacy



Original Color

28.2417, 0.3987, 0.2945

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.0612, 0.3416, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2417, 0.3987, 0.2945 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, 115, 143)` looks like.

```
.text, #text, p{  
    color:rgb(212, 115, 143)  
}
```

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, 115, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 115, 143) }
```

Border

The CSS property to change the border of an element to Yxy 28.2417, 0.3987, 0.2945 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, 115, 143) }
```

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

```
.border{ border-color:rgb(212, 115, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 115, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 115, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 115, 143);  
box-shadow:4px 4px 4px 4px rgb(212, 115,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2417, 0.3987, 0.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 115, 143) }
```

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

```
.background{ background-color: rgb(212,  
115, 143) }
```

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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