

Converting Colors

$Y_{xy}(28.6208, 0.3896, 0.2817)$

Have a look what the booklet for
Yxy(28.6208, 0.3896, 0.2817)
contains.

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Color

Yxy(28.7816, 0.3895, 0.2817)

Conversions

Conversions Part 1

Format	Color
Hex	D77299
RGB	215, 114, 153
RGB Percent	84%, 45%, 60%
CMY	0.1568, 0.5530, 0.4000
CMYK	0.00, 0.47, 0.29, 0.16
HSL	337°, 56%, 65%
HSV	337°, 47%, 84%
XYZ	39.7956, 28.7816, 33.5939
YIQ	148.6450, 47.6770, 33.5410

Conversions

Conversions Part 2

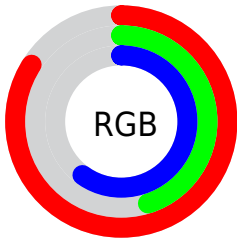
Format	Color
R_{YB}	215, 114, 153
Decimal	14119577
CIE _{Lab}	60.59, 43.93, -3.09
CIE _{LCh}	61, 44.042, 355.970
Yxy	28.7816, 0.3895, 0.2817
Android (android.graphics.Color)	4292309657 (0xFFD77299)
YUV	148.6450, 2.1470, 58.1933
Hunter-Lab	53.6485, 38.5238, 0.4275

Details

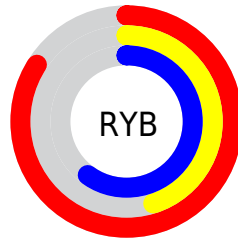
The Yxy color **28.7816, 0.3895, 0.2817** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **55.3234, 0.2712, 0.3839**, and the grayscale version is **29.8740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7703, 0.3572, 0.2888**, and **11.6737, 0.4164, 0.2668** is the 20% darker color. If you saturate the color by 10%, you get **24.0773, 0.4154, 0.2732**, and if you desaturate by 10%, it is **34.6770, 0.3672, 0.2916**.

Distribution



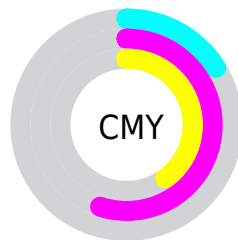
- Red (84%)
- Green (45%)
- Blue (60%)



- Red (84%)
- Yellow (45%)
- Blue (60%)



- Cyan (0%)
- Magenta (47%)
- Yellow (29%)
- Black (16%)





- Cyan (16%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7816, 0.3895, 0.2817 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 28.7816, 0.3895, 0.2817 by changing the saturation by 10% instead.


 28.7816, 0.3895,
0.2817


 28.7816, 0.3895,
0.2817


296.1831, 0.3484,
0.3067

 18.9157, 0.4007,
0.2750


 57.7299, 0.3739,
0.2911

 11.6094, 0.4157,
0.2661


 77.5811, 0.3682,
0.2946

 6.4783, 0.4367,
0.2538


 101.5294, 0.3635,
0.2974

 3.1380, 0.4681,
0.2356

129.9594, 0.3595,
0.2999

 1.2042, 0.5198,
0.2066

163.2554, 0.3562,
0.3019

 0.0651, 0.7684,
0.0428

201.8017, 0.3532,


 0.0000, 1.0000,


0.3038

0.0000

245.9828, 0.3506,
0.3053


 0.0000, 0.0000,
0.0000


 28.7816, 0.3895,
0.2817


 28.7816, 0.3895,
0.2817


 24.0773, 0.4154,
0.2732


 34.6770, 0.3672,
0.2916


 20.4770, 0.4446,
0.2671


 41.8339, 0.3485,
0.3021

 17.8889, 0.4760,
0.2649


 50.3223, 0.3330,
0.3124


 16.2039, 0.5077,
0.2675

 60.2057, 0.3202,
0.3224

 15.2790, 0.5374,
0.2753

 71.5436, 0.3098,
0.3317

 15.0750, 0.5459,
0.2781

 84.3920, 0.3012,
0.3404

 92.5873, 0.2940,
0.3388

 93.1902, 0.2889,
0.3289

Harmonies

Analogous

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



28.7816, 0.3159, 0.2426



28.7816, 0.3895, 0.2817



28.7816, 0.4431, 0.3319

Triad

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



28.7816, 0.3895, 0.2817



28.7816, 0.3661, 0.4614



28.7816, 0.1875, 0.2489

Complementary

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



28.7816, 0.3895, 0.2817



55.3234, 0.2712, 0.3839

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.



28.7816, 0.1971, 0.3042



28.7816, 0.3895, 0.2817



28.7816, 0.2966, 0.4435

Square

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



28.7816, 0.3895, 0.2817



28.7816, 0.4248, 0.4346



28.7816, 0.2352, 0.3797



28.7816, 0.2053, 0.2222

Rectangle

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



28.7816, 0.3895, 0.2817



28.7816, 0.4562, 0.3679



28.7816, 0.2352, 0.3797



28.7816, 0.1875, 0.2642

Sweetspot

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



28.7830, 0.3895, 0.2817



77.9677, 0.3291, 0.3153



26.0092, 0.2774, 0.2011



16.0419, 0.3321, 0.3131



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.



28.7830, 0.3895, 0.2817



35.6949, 0.4142, 0.2735



30.1042, 0.4346, 0.3417



12.4994, 0.3231, 0.3200



9.0340, 0.5421, 0.2760



0.5608, 0.4955, 0.2503

Inverse Universe

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



28.7830, 0.3895, 0.2817



35.6949, 0.4142, 0.2735



52.1075, 0.2481, 0.3152



12.4994, 0.3231, 0.3200



9.0340, 0.5421, 0.2760



0.5608, 0.4955, 0.2503

Previews

White Background



This preview shows how the Yxy color 28.7816, 0.3895, 0.2817 looks on a white background.

Color Contrast Check

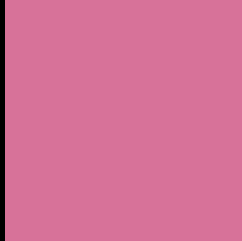
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7816, 0.3895, 0.2817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

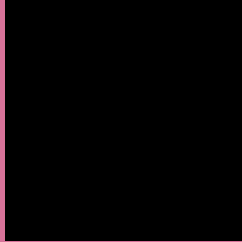
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7816, 0.3895, 0.2817

Background



This preview shows how black text looks on a background with the Yxy color 28.7816, 0.3895, 0.2817.



This preview shows how white text looks on a background with the Yxy color 28.7816, 0.3895, 0.2817.

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

28.7816, 0.3895, 0.2817

Protanopia

28.9306, 0.2832, 0.2859

Deuteranopia

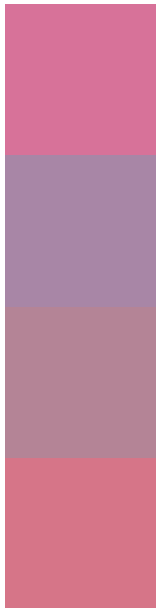
28.9577, 0.3261, 0.3199



Tritanopia

28.8721, 0.4189, 0.3194

Trichromacy



Original Color

28.7816, 0.3895, 0.2817

Protanomaly

28.1282, 0.3171, 0.2826

Deuteranomaly

28.4078, 0.3480, 0.3035

Tritanomaly

28.7963, 0.4093, 0.3058

Monochromacy



Original Color

28.7816, 0.3895, 0.2817

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

28.6946, 0.3393, 0.3087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7816, 0.3895, 0.2817 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(215, 114, 153)` looks like.

```
.text, #text, p{  
    color:rgb(215, 114, 153)  
}
```

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(215, 114, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 114, 153) }
```

Border

The CSS property to change the border of an element to Yxy 28.7816, 0.3895, 0.2817 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(215, 114, 153) }
```

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

```
.border{ border-color:rgb(215, 114, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 114, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 114, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 114, 153);  
box-shadow:4px 4px 4px 4px rgb(215, 114,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7816, 0.3895, 0.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 114, 153) }
```

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

```
.background{ background-color: rgb(215,  
114, 153) }
```

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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