

Converting Colors

$Y_{xy}(27.4406, 0.3596, 0.2801)$

Have a look what the booklet for
Yxy(27.4406, 0.3596, 0.2801)
contains.

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Color

Yxy(27.4694, 0.3599, 0.2800)

Conversions

Conversions Part 1

Format	Color
Hex	C3789D
RGB	195, 120, 157
RGB Percent	76%, 47%, 62%
CMY	0.2353, 0.5294, 0.3844
CMYK	0.00, 0.38, 0.20, 0.24
HSL	330°, 38%, 62%
HSV	330°, 38%, 76%
XYZ	35.3080, 27.4694, 35.3276
YIQ	146.6430, 32.8230, 27.4070

Conversions

Conversions Part 2

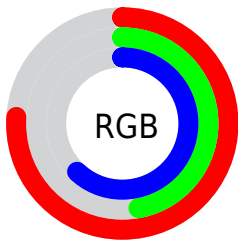
Format	Color
R _Y B	195, 120, 157
Decimal	12810397
CIE Lab	59.41, 34.40, -7.42
CIE LCh	59, 35.194, 347.831
Yxy	27.4694, 0.3599, 0.2800
Android (android.graphics.Color)	4291000477 (0xFFC3789D)
YUV	146.6430, 5.1060, 42.4091
Hunter-Lab	52.4113, 28.5307, -3.2763

Details

The Yxy color **27.4694, 0.3599, 0.2800** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **45.4980, 0.2826, 0.3845**, and the grayscale version is **28.9914, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.5233, 0.3501, 0.2887**, and **10.8723, 0.3761, 0.2630** is the 20% darker color. If you saturate the color by 10%, you get **22.9238, 0.3781, 0.2676**, and if you desaturate by 10%, it is **33.0001, 0.3444, 0.2931**.

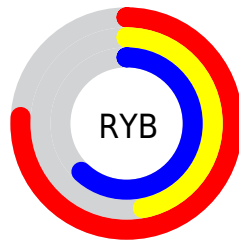
Distribution



Red (76%)

Green (47%)

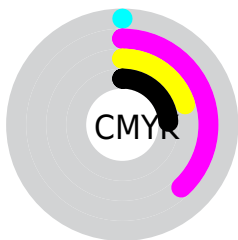
Blue (62%)



Red (76%)

Yellow (47%)

Blue (62%)

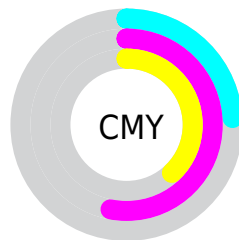


Cyan (0%)

Magenta (38%)

Yellow (20%)

Black (24%)



Cyan (24%)


Magenta (53%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4694, 0.3599, 0.2800 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 27.4694, 0.3599, 0.2800 by changing the saturation by 10% instead.

 27.4694, 0.3599,
0.2800


 27.4694, 0.3599,
0.2800


289.9227, 0.3347,
0.3057

 17.9261, 0.3668,
0.2732


 55.6362, 0.3503,
0.2897

 10.8969, 0.3759,
0.2641


 75.0284, 0.3469,
0.2932

 5.9976, 0.3888,
0.2517


 98.4725, 0.3440,
0.2961

 2.8436, 0.4082,
0.2334

126.3526, 0.3416,
0.2986

 1.0506, 0.4404,
0.2042

159.0533, 0.3395,
0.3008

 0.0000, 0.6348,
0.0000

196.9590, 0.3377,

 0.0000, 0.0000,

0.3027

0.0000

240.4540, 0.3361,
0.3043

■ 27.4694, 0.3599,
0.2800

■ 27.4694, 0.3599,
0.2800

■ 22.9238, 0.3781,
0.2676

■ 33.0001, 0.3444,
0.2931

■ 19.3003, 0.3989,
0.2568

■ 39.5661, 0.3313,
0.3062

■ 16.5350, 0.4220,
0.2487

■ 47.2187, 0.3205,
0.3188


■ 14.5536, 0.4466,
0.2446


■ 56.0048, 0.3114,
0.3308


■ 13.2692, 0.4717,
0.2456

■ 65.9684, 0.3040,
0.3420

 12.5436, 0.4960,
0.2516

 77.1512, 0.2978,
0.3523

 12.4502, 0.4997,
0.2527

 88.6253, 0.2927,
0.3602

 89.1846, 0.2875,
0.3492

 89.7757, 0.2824,
0.3385

Harmonies

Analogous

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



27.4694, 0.2999, 0.2503



27.4694, 0.3599, 0.2800



27.4694, 0.4095, 0.3210

Triad

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



27.4694, 0.3599, 0.2800



27.4694, 0.3728, 0.4340



27.4694, 0.2081, 0.2745

Complementary

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



27.4694, 0.3599, 0.2800



45.4980, 0.2826, 0.3845

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.



27.4694, 0.2235, 0.3259



27.4694, 0.3599, 0.2800



27.4694, 0.3166, 0.4281

Square

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



27.4694, 0.3599, 0.2800



27.4694, 0.4151, 0.4082



27.4694, 0.2621, 0.3858



27.4694, 0.2169, 0.2446

Rectangle

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



27.4694, 0.3599, 0.2800



27.4694, 0.4270, 0.3512



27.4694, 0.2621, 0.3858



27.4694, 0.2105, 0.2896

Sweetspot

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



27.4707, 0.3599, 0.2800



79.2246, 0.3243, 0.3142



24.5936, 0.2781, 0.2237



16.9457, 0.3257, 0.3125



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.



27.4707, 0.3599, 0.2800



42.3544, 0.3747, 0.2697



26.3934, 0.4069, 0.3293



10.1588, 0.3214, 0.3177



8.1080, 0.4967, 0.2510



0.3642, 0.4473, 0.2238

Inverse Universe

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



27.4707, 0.3599, 0.2800



42.3544, 0.3747, 0.2697



46.9686, 0.2599, 0.3288



10.1588, 0.3214, 0.3177



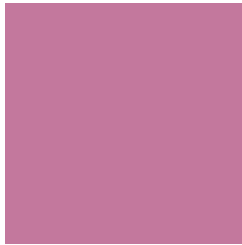
8.1080, 0.4967, 0.2510



0.3642, 0.4473, 0.2238

Previews

White Background



This preview shows how the Yxy color 27.4694, 0.3599, 0.2800 looks on a white background.

Color Contrast Check

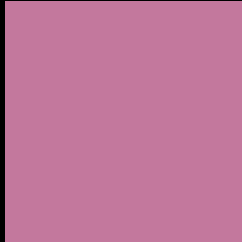
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4694, 0.3599, 0.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

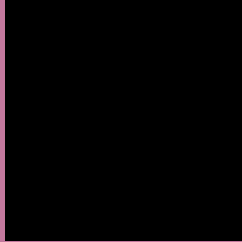
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4694, 0.3599, 0.2800

Background



This preview shows how black text looks on a background with the Yxy color 27.4694, 0.3599, 0.2800.



This preview shows how white text looks on a background with the Yxy color 27.4694, 0.3599, 0.2800.

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

27.4694, 0.3599, 0.2800

Protanopia

27.6046, 0.2808, 0.2835

Deuteranopia

27.5706, 0.3127, 0.3057



Tritanopia

27.3430, 0.3836, 0.3155

Trichromacy



Original Color

27.4694, 0.3599, 0.2800

Protanomaly

27.0725, 0.3063, 0.2810

Deuteranomaly

27.1939, 0.3289, 0.2950

Tritanomaly

27.4564, 0.3752, 0.3033

Monochromacy



Original Color

27.4694, 0.3599, 0.2800

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.0182, 0.3280, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4694, 0.3599, 0.2800 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(195, 120, 157)` looks like.

```
.text, #text, p{  
    color:rgb(195, 120, 157)  
}
```

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(195, 120, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 120, 157) }
```

Border

The CSS property to change the border of an element to Yxy 27.4694, 0.3599, 0.2800 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(195, 120, 157) }
```

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

```
.border{ border-color:rgb(195, 120, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 120, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 120, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 120, 157);  
box-shadow:4px 4px 4px 4px rgb(195, 120,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4694, 0.3599, 0.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 120, 157) }
```

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

```
.background{ background-color: rgb(195,  
120, 157) }
```

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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