

Converting Colors

$Y_{xy}(27.0574, 0.3330, 0.2469)$

Have a look what the booklet for
Yxy(27.0574, 0.3330, 0.2469)
contains.

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Color

Yxy(27.2148, 0.3336, 0.2478)

Conversions

Conversions Part 1

Format	Color
Hex	C274B3
RGB	194, 116, 179
RGB Percent	76%, 45%, 70%
CMY	0.2391, 0.5452, 0.2980
CMYK	0.00, 0.40, 0.08, 0.24
HSL	312°, 39%, 61%
HSV	312°, 40%, 76%
XYZ	36.6378, 27.2148, 45.9730
YIQ	146.5040, 26.2650, 36.1290

Conversions

Conversions Part 2

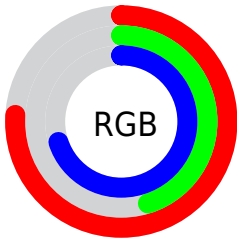
Format	Color
RYB	194, 116, 179
Decimal	12743859
CIELab	59.17, 39.87, -20.43
CIELCh	59, 44.799, 332.863
Yxy	27.2148, 0.3336, 0.2478
Android (android.graphics.Color)	4290933939 (0xFFC274B3)
YUV	146.5040, 16.0205, 41.6540
Hunter-Lab	52.1678, 34.0682, -15.7320

Details

The Yxy color **27.2148, 0.3336, 0.2478** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **43.9515, 0.2974, 0.4271**, and the grayscale version is **28.8873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.4431, 0.3301, 0.2633**, and **10.7759, 0.3394, 0.2243** is the 20% darker color. If you saturate the color by 10%, you get **23.0519, 0.3404, 0.2290**, and if you desaturate by 10%, it is **32.3185, 0.3274, 0.2679**.

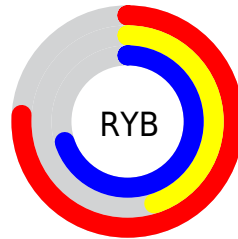
Distribution



Red (76%)

Green (45%)

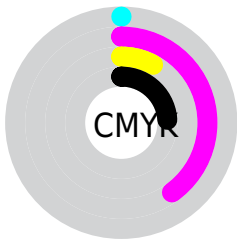
Blue (70%)



Red (76%)

Yellow (45%)

Blue (70%)

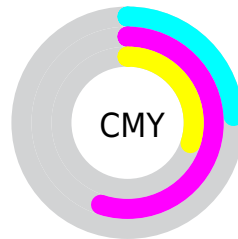


Cyan (0%)

Magenta (40%)

Yellow (8%)

Black (24%)



Cyan (24%)


Magenta (55%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2148, 0.3336, 0.2478 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 27.2148, 0.3336, 0.2478 by changing the saturation by 10% instead.

 27.2148, 0.3336,
0.2478


 27.2148, 0.3336,
0.2478


288.6956, 0.3235,
0.2890

 17.7346, 0.3360,
0.2374


 55.2284, 0.3300,
0.2629

 10.7596, 0.3389,
0.2240


 74.5305, 0.3287,
0.2685

 5.9054, 0.3425,
0.2061


 97.8755, 0.3275,
0.2733

 2.7877, 0.3471,
0.1813

125.6476, 0.3265,
0.2774

 1.0219, 0.3525,
0.1450

158.2312, 0.3256,
0.2809

 0.0000, 0.3918,
0.0000

196.0109, 0.3248,

 0.0000, 0.0000,

0.2839

0.0000

239.3709, 0.3241,
0.2866

■ 27.2148, 0.3336,
0.2478

■ 27.2148, 0.3336,
0.2478

■ 23.0519, 0.3404,
0.2290

■ 32.3185, 0.3274,
0.2679

■ 19.7673, 0.3476,
0.2126

■ 38.4128, 0.3219,
0.2885

■ 17.2970, 0.3551,
0.1994


■ 45.5486, 0.3170,
0.3089

■ 15.5667, 0.3626,
0.1902


■ 53.7720, 0.3128,
0.3286

■ 14.4883, 0.3699,
0.1857


■ 63.1265, 0.3092,
0.3472

 13.8975, 0.3768,
0.1849

 73.6532, 0.3061,
0.3647

 85.3910, 0.3035,
0.3809

 87.5929, 0.3014,
0.3798

 87.7801, 0.2994,
0.3756

Harmonies

Analogous

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



27.2148, 0.2612, 0.2212



27.2148, 0.3336, 0.2478



27.2148, 0.4079, 0.2912

Triad

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



27.2148, 0.3336, 0.2478



27.2148, 0.4162, 0.4471



27.2148, 0.1886, 0.2874

Complementary

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



27.2148, 0.3336, 0.2478



43.9515, 0.2974, 0.4271

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.



27.2148, 0.2209, 0.3630



27.2148, 0.3336, 0.2478



27.2148, 0.3513, 0.4670

Square

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



27.2148, 0.3336, 0.2478



27.2148, 0.4561, 0.3995



27.2148, 0.2797, 0.4363



27.2148, 0.1854, 0.2372

Rectangle

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



27.2148, 0.3336, 0.2478



27.2148, 0.4439, 0.3259



27.2148, 0.2797, 0.4363



27.2148, 0.1961, 0.3105

Sweetspot

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



27.2160, 0.3336, 0.2478



79.7968, 0.3179, 0.3049



21.1524, 0.2519, 0.2111



17.0838, 0.3185, 0.3022



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.



27.2160, 0.3336, 0.2478



42.7494, 0.3393, 0.2317



25.8753, 0.3805, 0.2958



10.2132, 0.3166, 0.3106



9.1448, 0.3759, 0.1844



0.4039, 0.3615, 0.1765

Inverse Universe

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



27.2160, 0.3336, 0.2478



42.7494, 0.3393, 0.2317



45.1891, 0.2728, 0.3658



10.2132, 0.3166, 0.3106



9.1448, 0.3759, 0.1844



0.4039, 0.3615, 0.1765

Previews

White Background



This preview shows how the Yxy color 27.2148, 0.3336, 0.2478 looks on a white background.

Color Contrast Check

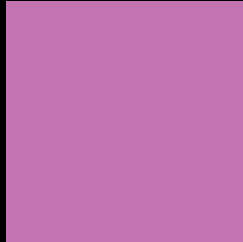
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2148, 0.3336, 0.2478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

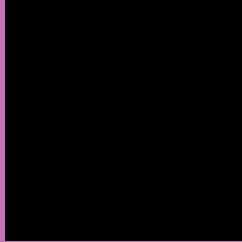
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2148, 0.3336, 0.2478

Background



This preview shows how black text looks on a background with the Yxy color 27.2148, 0.3336, 0.2478.



This preview shows how white text looks on a background with the Yxy color 27.2148, 0.3336, 0.2478.

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

27.2148, 0.3336, 0.2478

Protanopia

27.5166, 0.2510, 0.2449

Deuteranopia

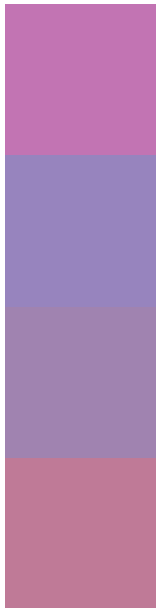
27.5140, 0.2810, 0.2751



Tritanopia

27.2353, 0.3785, 0.3153

Trichromacy



Original Color

27.2148, 0.3336, 0.2478

Protanomaly

26.7995, 0.2770, 0.2450

Deuteranomaly

26.8408, 0.2987, 0.2633

Tritanomaly

27.2298, 0.3620, 0.2897

Monochromacy



Original Color

27.2148, 0.3336, 0.2478

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.0040, 0.3198, 0.2948

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2148, 0.3336, 0.2478 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(194, 116, 179)` looks like.

```
.text, #text, p{  
    color:rgb(194, 116, 179)  
}
```

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(194, 116, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 116, 179) }
```

Border

The CSS property to change the border of an element to Yxy 27.2148, 0.3336, 0.2478 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(194, 116, 179) }
```

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

```
.border{ border-color:rgb(194, 116, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 116, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 116, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 116, 179);  
box-shadow:4px 4px 4px 4px rgb(194, 116,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2148, 0.3336, 0.2478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 116, 179) }
```

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

```
.background{ background-color: rgb(194,  
116, 179) }
```

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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