

Converting Colors

$Y_{xy}(28.1649, 0.3473, 0.2593)$

Have a look what the booklet for
Yxy(28.1649, 0.3473, 0.2593)
contains.

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Color

Yxy(28.2534, 0.3469, 0.2590)

Conversions

Conversions Part 1

Format	Color
Hex	C876AD
RGB	200, 118, 173
RGB Percent	78%, 46%, 68%
CMY	0.2156, 0.5373, 0.3216
CMYK	0.00, 0.41, 0.14, 0.22
HSL	320°, 43%, 62%
HSV	320°, 41%, 78%
XYZ	37.8421, 28.2534, 42.9910
YIQ	148.7880, 31.2170, 34.4890

Conversions

Conversions Part 2

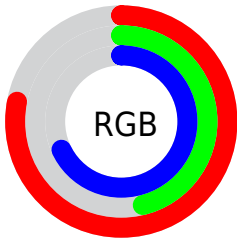
Format	Color
R_{YB}	200, 118, 173
Decimal	13137581
CIE _{Lab}	60.12, 39.74, -15.49
CIE _{LCh}	60, 42.653, 338.708
Yxy	28.2534, 0.3469, 0.2590
Android (android.graphics.Color)	4291327661 (0xFFC876AD)
YUV	148.7880, 11.9365, 44.9129
Hunter-Lab	53.1539, 34.0609, -10.7461

Details

The Yxy color **28.2534, 0.3469, 0.2590** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **47.2097, 0.2900, 0.4119**, and the grayscale version is **29.9010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.3665, 0.3382, 0.2724**, and **11.3241, 0.3558, 0.2376** is the 20% darker color. If you saturate the color by 10%, you get **23.7842, 0.3586, 0.2429**, and if you desaturate by 10%, it is **33.7365, 0.3365, 0.2762**.

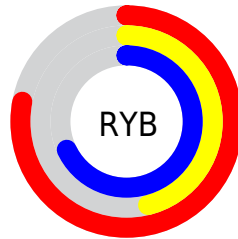
Distribution



Red (78%)

Green (46%)

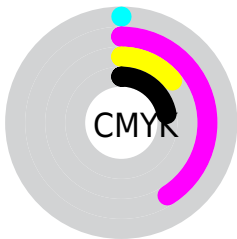
Blue (68%)



Red (78%)

Yellow (46%)

Blue (68%)

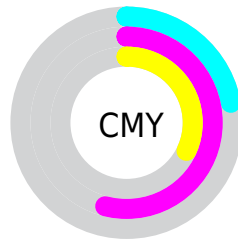


Cyan (0%)

Magenta (41%)

Yellow (14%)

Black (22%)



Cyan (22%)


Magenta (54%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2534, 0.3469, 0.2590 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 28.2534, 0.3469, 0.2590 by changing the saturation by 10% instead.


 28.2534, 0.3469,
0.2590


 28.2534, 0.3469,
0.2590


293.6758, 0.3294,
0.2947

 18.5168, 0.3514,
0.2499


 56.8888, 0.3405,
0.2721

 11.3216, 0.3572,
0.2381


 76.5563, 0.3381,
0.2770

 6.2836, 0.3650,
0.2223


 100.3028, 0.3361,
0.2811

 3.0183, 0.3760,
0.2000

128.5129, 0.3343,
0.2847

 1.1413, 0.3925,
0.1667

161.5708, 0.3329,
0.2877

 0.0130, 0.4702,
0.0061

199.8610, 0.3316,

 0.0000, 0.0000,

0.2903

0.0000

243.7679, 0.3304,
0.2927

■ 28.2534, 0.3469,
0.2590

■ 28.2534, 0.3469,
0.2590

■ 23.7842, 0.3586,
0.2429

■ 33.7365, 0.3365,
0.2762

■ 20.2610, 0.3715,
0.2290

■ 40.2879, 0.3275,
0.2937

■ 17.6141, 0.3854,
0.2182


■ 47.9626, 0.3198,
0.3109


■ 15.7621, 0.3997,
0.2117

■ 56.8109, 0.3133,
0.3274

■ 14.6082, 0.4139,
0.2101

■ 66.8798, 0.3078,
0.3430

 14.0054, 0.4265,
0.2123

 78.2139, 0.3032,
0.3575

 88.9214, 0.2994,
0.3678

 89.2756, 0.2959,
0.3605

 89.6437, 0.2923,
0.3532

Harmonies

Analogous

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



28.2534, 0.2764, 0.2301



28.2534, 0.3469, 0.2590



28.2534, 0.4137, 0.3029

Triad

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



28.2534, 0.3469, 0.2590



28.2534, 0.4005, 0.4472



28.2534, 0.1923, 0.2788

Complementary

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



28.2534, 0.3469, 0.2590



47.2097, 0.2900, 0.4119

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.



28.2534, 0.2179, 0.3464



28.2534, 0.3469, 0.2590



28.2534, 0.3366, 0.4567

Square

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



28.2534, 0.3469, 0.2590



28.2534, 0.4436, 0.4064



28.2534, 0.2697, 0.4180



28.2534, 0.1944, 0.2364

Rectangle

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



28.2534, 0.3469, 0.2590



28.2534, 0.4427, 0.3369



28.2534, 0.2697, 0.4180



28.2534, 0.1977, 0.2991

Sweetspot

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



28.2547, 0.3469, 0.2590



81.3742, 0.3207, 0.3089



23.0543, 0.2604, 0.2114



17.0227, 0.3216, 0.3067



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.



28.2547, 0.3469, 0.2590



42.0854, 0.3570, 0.2449



26.9322, 0.3967, 0.3094



10.7549, 0.3187, 0.3136



8.9213, 0.4247, 0.2113



0.4354, 0.3979, 0.1965

Inverse Universe

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



28.2547, 0.3469, 0.2590



42.0854, 0.3570, 0.2449



48.6666, 0.2656, 0.3504



10.7549, 0.3187, 0.3136



8.9213, 0.4247, 0.2113



0.4354, 0.3979, 0.1965

Previews

White Background



This preview shows how the Yxy color 28.2534, 0.3469, 0.2590 looks on a white background.

Color Contrast Check

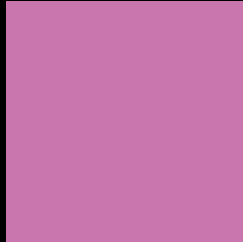
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2534, 0.3469, 0.2590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

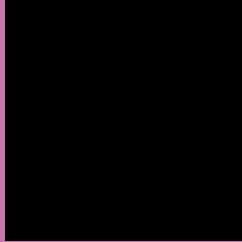
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2534, 0.3469, 0.2590

Background



This preview shows how black text looks on a background with the Yxy color 28.2534, 0.3469, 0.2590.



This preview shows how white text looks on a background with the Yxy color 28.2534, 0.3469, 0.2590.

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

28.2534, 0.3469, 0.2590

Protanopia

28.6136, 0.2608, 0.2583

Deuteranopia

28.5065, 0.2932, 0.2878



Tritanopia

28.4067, 0.3862, 0.3171

Trichromacy



Original Color

28.2534, 0.3469, 0.2590

Protanomaly

27.9567, 0.2883, 0.2582

Deuteranomaly

27.8928, 0.3120, 0.2756

Tritanomaly

28.2062, 0.3711, 0.2946

Monochromacy



Original Color

28.2534, 0.3469, 0.2590

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

28.9704, 0.3249, 0.2997

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2534, 0.3469, 0.2590 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(200, 118, 173)` looks like.

```
.text, #text, p{  
    color:rgb(200, 118, 173)  
}
```

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(200, 118, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 118, 173) }
```

Border

The CSS property to change the border of an element to Yxy 28.2534, 0.3469, 0.2590 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(200, 118, 173) }
```

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

```
.border{ border-color:rgb(200, 118, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 118, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 118, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 118, 173);  
box-shadow:4px 4px 4px 4px rgb(200, 118,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2534, 0.3469, 0.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 118, 173) }
```

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

```
.background{ background-color: rgb(200,  
118, 173) }
```

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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