

Converting Colors

$Y_{xy}(34.0442, 0.3290, 0.2674)$

Have a look what the booklet for
Yxy(34.0442, 0.3290, 0.2674)
contains.

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Color

Yxy(34.0442, 0.3290, 0.2674)

Conversions

Conversions Part 1

Format	Color
Hex	C88ABB
RGB	200, 138, 187
RGB Percent	78%, 54%, 73%
CMY	0.2155, 0.4589, 0.2666
CMYK	0.00, 0.31, 0.07, 0.22
HSL	313°, 36%, 66%
HSV	313°, 31%, 78%
XYZ	41.8868, 34.0442, 51.3846
YIQ	162.1240, 21.2230, 28.3830

Conversions

Conversions Part 2

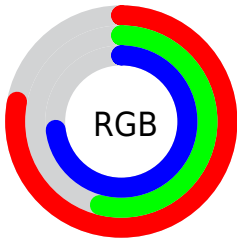
Format	Color
R _Y B	200, 138, 187
Decimal	13142715
CIE Lab	65.00, 31.37, -16.06
CIE LCh	65, 35.240, 332.887
Yxy	34.0442, 0.3290, 0.2674
Android (android.graphics.Color)	4291332795 (0xFFC88ABB)
YUV	162.1240, 12.2639, 33.2173
Hunter-Lab	58.3474, 26.0349, -11.3715

Details

The Yxy color **34.0442, 0.3290, 0.2674** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.9647, 0.2999, 0.3997**, and the grayscale version is **36.1278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4303, 0.3244, 0.2783**, and **14.5574, 0.3326, 0.2497** is the 20% darker color. If you saturate the color by 10%, you get **28.6482, 0.3358, 0.2477**, and if you desaturate by 10%, it is **40.5056, 0.3230, 0.2876**.

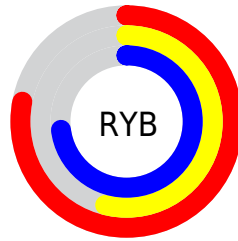
Distribution



Red (78%)

Green (54%)

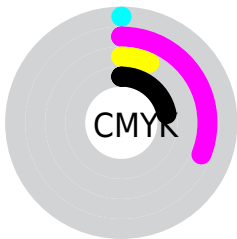
Blue (73%)



Red (78%)

Yellow (54%)

Blue (73%)

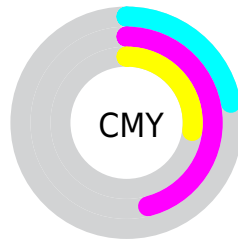


Cyan (0%)

Magenta (31%)

Yellow (7%)

Black (22%)



Cyan (22%)


Magenta (46%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0442, 0.3290, 0.2674 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 34.0442, 0.3290, 0.2674 by changing the saturation by 10% instead.

 34.0442, 0.3290,
0.2674


 34.0442, 0.3290,
0.2674


320.3291, 0.3212,
0.2982


 22.9276, 0.3309,
0.2598


 66.0024, 0.3262,
0.2786

 14.5400, 0.3332,
0.2500


 87.6127, 0.3252,
0.2828

 8.4972, 0.3361,
0.2370


 113.4898, 0.3242,
0.2863

 4.4147, 0.3400,
0.2191

144.0179, 0.3235,
0.2894

 1.9081, 0.3451,
0.1929

179.5815, 0.3228,
0.2920

 0.5533, 0.3554,
0.1429

220.5650, 0.3222,

 0.0000, 0.3153,


0.2943


0.0000


267.3527, 0.3216,
0.2964


 0.0000, 0.0000,
0.0000

 34.0442, 0.3290,
0.2674


 34.0442, 0.3290,
0.2674

 28.6482, 0.3358,
0.2477


 40.5056, 0.3230,
0.2876

 24.2549, 0.3432,
0.2293

 48.0814, 0.3177,
0.3077


 20.8020, 0.3511,
0.2133

 56.8234, 0.3131,
0.3271

 18.2183, 0.3593,
0.2007

 66.7786, 0.3092,
0.3455

 16.4227, 0.3676,
0.1922

 77.9913, 0.3059,
0.3627

■ 15.3185, 0.3757,
0.1884

■ 88.5693, 0.3032,
0.3756

■ 14.7554, 0.3827,
0.1882

■ 88.7843, 0.3009,
0.3708

■ 89.0049, 0.2986,
0.3661

■ 89.2310, 0.2964,
0.3615

Harmonies

Analogous

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



34.0442, 0.2752, 0.2467



34.0442, 0.3290, 0.2674



34.0442, 0.3824, 0.3016

Triad

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



34.0442, 0.3290, 0.2674



34.0442, 0.3914, 0.4181



34.0442, 0.2189, 0.3004

Complementary

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



34.0442, 0.3290, 0.2674



48.9647, 0.2999, 0.3997

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.



34.0442, 0.2449, 0.3544



34.0442, 0.3290, 0.2674



34.0442, 0.3436, 0.4282

Square

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



34.0442, 0.3290, 0.2674



34.0442, 0.4191, 0.3853



34.0442, 0.2900, 0.4046



34.0442, 0.2158, 0.2614

Rectangle

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



34.0442, 0.3290, 0.2674



34.0442, 0.4083, 0.3290



34.0442, 0.2900, 0.4046



34.0442, 0.2251, 0.3173

Sweetspot

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



34.0457, 0.3290, 0.2674



85.9149, 0.3168, 0.3114



28.8658, 0.2690, 0.2414



17.9364, 0.3175, 0.3085



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.



34.0457, 0.3290, 0.2674



52.6369, 0.3333, 0.2545



32.8780, 0.3613, 0.3048



10.7770, 0.3169, 0.3109



9.3910, 0.3817, 0.1876



0.4545, 0.3667, 0.1794

Inverse Universe

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



34.0457, 0.3290, 0.2674



52.6369, 0.3333, 0.2545



50.0836, 0.2801, 0.3549



10.7770, 0.3169, 0.3109



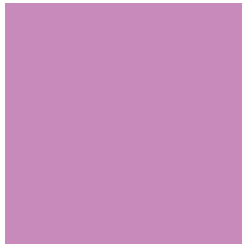
9.3910, 0.3817, 0.1876



0.4545, 0.3667, 0.1794

Previews

White Background



This preview shows how the Yxy color 34.0442, 0.3290, 0.2674 looks on a white background.

Color Contrast Check

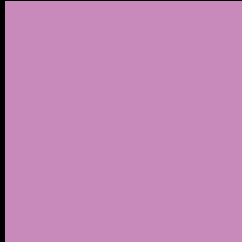
Large Text (above 18pt) WCAG AA × Fail

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 34.0442, 0.3290, 0.2674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

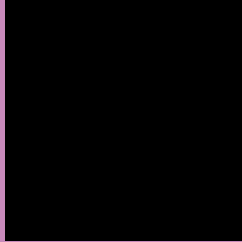
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0442, 0.3290, 0.2674

Background



This preview shows how black text looks on a background with the Yxy color 34.0442, 0.3290, 0.2674.



This preview shows how white text looks on a background with the Yxy color 34.0442, 0.3290, 0.2674.

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

34.0442, 0.3290, 0.2674

Protanopia

34.1501, 0.2685, 0.2670

Deuteranopia

34.1490, 0.2929, 0.2866



Tritanopia

34.0488, 0.3571, 0.3145

Trichromacy



Original Color

34.0442, 0.3290, 0.2674

Protanomaly

33.5420, 0.2882, 0.2661

Deuteranomaly

33.7966, 0.3053, 0.2786

Tritanomaly

34.0063, 0.3459, 0.2964

Monochromacy



Original Color

34.0442, 0.3290, 0.2674

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

34.9528, 0.3188, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0442, 0.3290, 0.2674 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, 138, 187)` looks like.

```
.text, #text, p{  
    color:rgb(200, 138, 187)  
}
```

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, 138, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 138, 187) }
```

Border

The CSS property to change the border of an element to Yxy 34.0442, 0.3290, 0.2674 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, 138, 187) }
```

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

```
.border{ border-color:rgb(200, 138, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 138, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 138, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 138, 187);  
box-shadow:4px 4px 4px 4px rgb(200, 138,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0442, 0.3290, 0.2674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 138, 187) }
```

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

```
.background{ background-color: rgb(200,  
138, 187) }
```

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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