

Converting Colors

$Y_{xy}(34.2976, 0.3330, 0.2710)$

Have a look what the booklet for
Yxy(34.2976, 0.3330, 0.2710)
contains.

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Color

Yxy(34.2363, 0.3330, 0.2702)

Conversions

Conversions Part 1

Format	Color
Hex	CA8AB9
RGB	202, 138, 185
RGB Percent	79%, 54%, 73%
CMY	0.2080, 0.4587, 0.2745
CMYK	0.00, 0.32, 0.08, 0.21
HSL	316°, 38%, 67%
HSV	316°, 32%, 79%
XYZ	42.1935, 34.2363, 50.2774
YIQ	162.4940, 23.0570, 28.1850

Conversions

Conversions Part 2

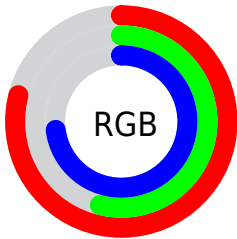
Format	Color
R _Y B	202, 138, 185
Decimal	13273785
CIE Lab	65.15, 31.64, -14.67
CIE LCh	65, 34.875, 335.121
Yxy	34.2363, 0.3330, 0.2702
Android (android.graphics.Color)	4291463865 (0xFFCA8AB9)
YUV	162.4940, 11.0955, 34.6468
Hunter-Lab	58.5118, 26.3227, -9.9879

Details

The Yxy color **34.2363, 0.3330, 0.2702** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.9944, 0.2973, 0.3962**, and the grayscale version is **36.3144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.3101, 0.3259, 0.2802**, and **14.6854, 0.3385, 0.2535** is the 20% darker color. If you saturate the color by 10%, you get **28.7481, 0.3415, 0.2517**, and if you desaturate by 10%, it is **40.8137, 0.3255, 0.2892**.

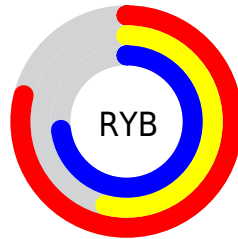
Distribution



Red (79%)

Green (54%)

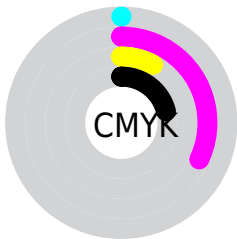
Blue (73%)



Red (79%)

Yellow (54%)

Blue (73%)

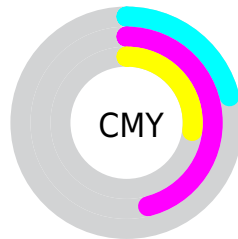


Cyan (0%)

Magenta (32%)

Yellow (8%)

Black (21%)



Cyan (21%)

Magenta (46%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2363, 0.3330, 0.2702 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 34.2363, 0.3330, 0.2702 by changing the saturation by 10% instead.

 34.2363, 0.3330,
0.2702


 34.2363, 0.3330,
0.2702

321.1844, 0.3230,
0.2996

 23.0752, 0.3354,
0.2629


 66.3010, 0.3294,
0.2809

 14.6490, 0.3385,
0.2535


 87.9733, 0.3281,
0.2849

 8.5734, 0.3425,
0.2410


 113.9182, 0.3269,
0.2883

 4.4640, 0.3480,
0.2238

144.5200, 0.3259,
0.2912

 1.9364, 0.3558,
0.1984

180.1631, 0.3250,
0.2937

 0.5701, 0.3707,
0.1501

221.2320, 0.3243,

 0.0000, 0.3726,

0.2959

0.0000

268.1110, 0.3236,
0.2979

■ 0.0000, 0.0000,
0.0000

■ 34.2363, 0.3330,
0.2702

■ 34.2363, 0.3330,
0.2702

■ 28.7481, 0.3415,
0.2517

■ 40.8137, 0.3255,
0.2892

■ 24.2845, 0.3509,
0.2344

■ 48.5309, 0.3191,
0.3080

■ 20.7814, 0.3611,
0.2195


■ 57.4410, 0.3135,
0.3261

■ 18.1653, 0.3719,
0.2080

■ 67.5924, 0.3089,
0.3432

■ 16.3521, 0.3828,
0.2007

■ 79.0308, 0.3049,
0.3593

 15.2415, 0.3936,
0.1981

 89.0888, 0.3016,
0.3699

 14.7004, 0.4024,
0.1990

 89.3726, 0.2987,
0.3639

 89.6656, 0.2958,
0.3580

 89.9678, 0.2929,
0.3521

Harmonies

Analogous

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



34.2363, 0.2793, 0.2485



34.2363, 0.3330, 0.2702



34.2363, 0.3849, 0.3048

Triad

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



34.2363, 0.3330, 0.2702



34.2363, 0.3875, 0.4188



34.2363, 0.2189, 0.2973

Complementary

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



34.2363, 0.3330, 0.2702



49.9944, 0.2973, 0.3962

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.



34.2363, 0.2430, 0.3499



34.2363, 0.3330, 0.2702



34.2363, 0.3394, 0.4263

Square

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



34.2363, 0.3330, 0.2702



34.2363, 0.4168, 0.3876



34.2363, 0.2865, 0.4006



34.2363, 0.2175, 0.2602

Rectangle

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



34.2363, 0.3330, 0.2702



34.2363, 0.4092, 0.3322



34.2363, 0.2865, 0.4006



34.2363, 0.2245, 0.3137

Sweetspot

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



34.2378, 0.3330, 0.2702



85.8352, 0.3176, 0.3126



29.3178, 0.2708, 0.2400



17.9166, 0.3185, 0.3099



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.



34.2378, 0.3330, 0.2702



51.4206, 0.3387, 0.2574



33.0689, 0.3662, 0.3084



11.3509, 0.3178, 0.3121



9.4791, 0.4011, 0.1983



0.5011, 0.3820, 0.1878

Inverse Universe

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



34.2378, 0.3330, 0.2702



51.4206, 0.3387, 0.2574



51.1722, 0.2775, 0.3509



11.3509, 0.3178, 0.3121



9.4791, 0.4011, 0.1983



0.5011, 0.3820, 0.1878

Previews

White Background



This preview shows how the Yxy color 34.2363, 0.3330, 0.2702 looks on a white background.

Color Contrast Check

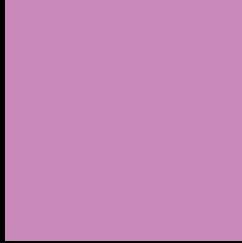
Large Text (above 18pt) WCAG AA × Fail

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 34.2363, 0.3330, 0.2702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

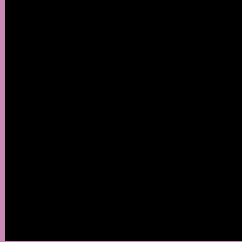
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2363, 0.3330, 0.2702

Background



This preview shows how black text looks on a background with the Yxy color 34.2363, 0.3330, 0.2702.



This preview shows how white text looks on a background with the Yxy color 34.2363, 0.3330, 0.2702.

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

34.2363, 0.3330, 0.2702

Protanopia

34.5807, 0.2717, 0.2712

Deuteranopia

34.2751, 0.2965, 0.2895



Tritanopia

34.3188, 0.3592, 0.3147

Trichromacy



Original Color

34.2363, 0.3330, 0.2702



Protanomaly

33.9878, 0.2917, 0.2703



Deuteranomaly

33.9458, 0.3090, 0.2815



Tritanomaly

34.2413, 0.3490, 0.2980

Monochromacy



Original Color

34.2363, 0.3330, 0.2702



Achromatopsia

36.1307, 0.3127, 0.3290



Achromatomaly

35.0319, 0.3207, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2363, 0.3330, 0.2702 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(202, 138, 185)` looks like.

```
.text, #text, p{  
    color:rgb(202, 138, 185)  
}
```

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(202, 138, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 138, 185) }
```

Border

The CSS property to change the border of an element to Yxy 34.2363, 0.3330, 0.2702 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(202, 138, 185) }
```

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

```
.border{ border-color:rgb(202, 138, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 138, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 138, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 138, 185);  
box-shadow:4px 4px 4px 4px rgb(202, 138,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2363, 0.3330, 0.2702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 138, 185) }
```

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

```
.background{ background-color: rgb(202,  
138, 185) }
```

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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