

Converting Colors

$Y_{xy}(33.7689, 0.3253, 0.2589)$

Have a look what the booklet for
Yxy(33.7689, 0.3253, 0.2589)
contains.

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Color

Yxy(33.8316, 0.3252, 0.2594)

Conversions

Conversions Part 1

Format	Color
Hex	C988C0
RGB	201, 136, 192
RGB Percent	79%, 53%, 75%
CMY	0.2117, 0.4667, 0.2470
CMYK	0.00, 0.32, 0.04, 0.21
HSL	308°, 38%, 66%
HSV	308°, 32%, 79%
XYZ	42.4134, 33.8316, 54.1775
YIQ	161.8190, 20.7640, 31.1960

Conversions

Conversions Part 2

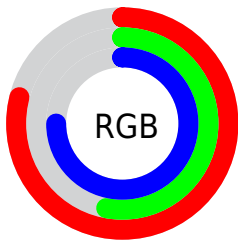
Format	Color
R _Y B	201, 136, 192
Decimal	13207744
CIE Lab	64.83, 33.68, -19.12
CIE LCh	65, 38.734, 330.415
Yxy	33.8316, 0.3252, 0.2594
Android (android.graphics.Color)	4291397824 (0xFFC988C0)
YUV	161.8190, 14.8792, 34.3617
Hunter-Lab	58.1649, 28.3721, -14.5100

Details

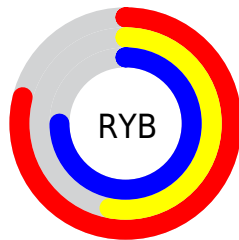
The Yxy color **33.8316, 0.3252, 0.2594** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.0636, 0.3024, 0.4103**, and the grayscale version is **35.9653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9265, 0.3201, 0.2708**, and **14.4430, 0.3286, 0.2410** is the 20% darker color. If you saturate the color by 10%, you get **28.5703, 0.3300, 0.2384**, and if you desaturate by 10%, it is **40.1601, 0.3208, 0.2812**.

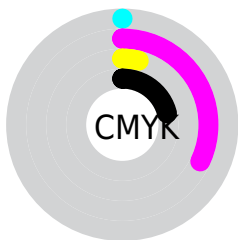
Distribution



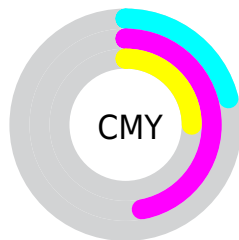
- Red (79%)
- Green (53%)
- Blue (75%)



- Red (79%)
- Yellow (53%)
- Blue (75%)



- Cyan (0%)
- Magenta (32%)
- Yellow (4%)
- Black (21%)





- Cyan (21%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.8316, 0.3252, 0.2594 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 33.8316, 0.3252, 0.2594 by changing the saturation by 10% instead.


 33.8316, 0.3252,
0.2594


 33.8316, 0.3252,
0.2594


319.3805, 0.3195,
0.2939


 22.7643, 0.3264,
0.2509


 65.6717, 0.3233,
0.2719

 14.4195, 0.3279,
0.2401


 87.2133, 0.3225,
0.2766

 8.4130, 0.3296,
0.2258


 113.0150, 0.3218,
0.2806

 4.3604, 0.3317,
0.2063

143.4614, 0.3213,
0.2840

 1.8771, 0.3337,
0.1783

178.9367, 0.3207,
0.2870

 0.5346, 0.3380,
0.1262

219.8254, 0.3203,

 0.0000, 0.2805,

0.2896

0.0000

266.5119, 0.3199,
0.2919

0.0000, 0.0000,
0.0000

33.8316, 0.3252,
0.2594

33.8316, 0.3252,
0.2594

28.5703, 0.3300,
0.2384

40.1601, 0.3208,
0.2812

24.3121, 0.3351,
0.2192

47.6063, 0.3169,
0.3029

20.9933, 0.3404,
0.2026


56.2226, 0.3135,
0.3241


18.5407, 0.3457,
0.1896


66.0570, 0.3105,
0.3444


16.8703, 0.3510,
0.1808


77.1549, 0.3079,
0.3634


 15.8816, 0.3559,
0.1764

 88.5310, 0.3057,
0.3794

 15.4462, 0.3595,
0.1754

 88.6699, 0.3042,
0.3763

 88.8111, 0.3026,
0.3732

 88.9548, 0.3011,
0.3700

Harmonies

Analogous

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



33.8316, 0.2670, 0.2384



33.8316, 0.3252, 0.2594



33.8316, 0.3851, 0.2953

Triad

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



33.8316, 0.3252, 0.2594



33.8316, 0.4021, 0.4241



33.8316, 0.2117, 0.3013

Complementary

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



33.8316, 0.3252, 0.2594



49.0636, 0.3024, 0.4103

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.



33.8316, 0.2416, 0.3619



33.8316, 0.3252, 0.2594



33.8316, 0.3508, 0.4391

Square

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



33.8316, 0.3252, 0.2594



33.8316, 0.4307, 0.3860



33.8316, 0.2919, 0.4167



33.8316, 0.2064, 0.2573

Rectangle

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



33.8316, 0.3252, 0.2594



33.8316, 0.4153, 0.3245



33.8316, 0.2919, 0.4167



33.8316, 0.2190, 0.3205

Sweetspot

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



33.8331, 0.3252, 0.2594



84.5704, 0.3161, 0.3077



27.8121, 0.2629, 0.2361



17.6735, 0.3166, 0.3046



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.



33.8331, 0.3252, 0.2594



51.2510, 0.3286, 0.2442



32.5586, 0.3593, 0.2982



10.7904, 0.3158, 0.3093



9.7191, 0.3589, 0.1751



0.4673, 0.3498, 0.1701

Inverse Universe

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



33.8331, 0.3252, 0.2594



51.2510, 0.3286, 0.2442



50.2010, 0.2815, 0.3624



10.7904, 0.3158, 0.3093



9.7191, 0.3589, 0.1751



0.4673, 0.3498, 0.1701

Previews

White Background



This preview shows how the Yxy color 33.8316, 0.3252, 0.2594 looks on a white background.

Color Contrast Check

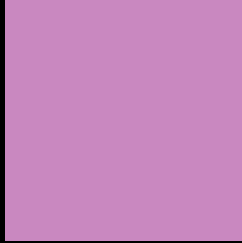
Large Text (above 18pt) WCAG AA × Fail

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 33.8316, 0.3252, 0.2594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

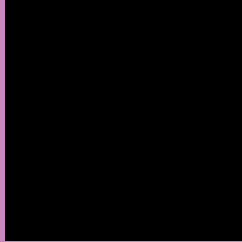
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.8316, 0.3252, 0.2594

Background



This preview shows how black text looks on a background with the Yxy color 33.8316, 0.3252, 0.2594.



This preview shows how white text looks on a background with the Yxy color 33.8316, 0.3252, 0.2594.

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

33.8316, 0.3252, 0.2594

Protanopia

34.1625, 0.2619, 0.2591

Deuteranopia

34.0544, 0.2861, 0.2796



Tritanopia

33.7138, 0.3584, 0.3145

Trichromacy



Original Color

33.8316, 0.3252, 0.2594

Protanomaly

33.7113, 0.2824, 0.2586

Deuteranomaly

33.5838, 0.2999, 0.2708

Tritanomaly

33.5891, 0.3462, 0.2927

Monochromacy



Original Color

33.8316, 0.3252, 0.2594

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.0297, 0.3170, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.8316, 0.3252, 0.2594 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(201, 136, 192)` looks like.

```
.text, #text, p{  
    color:rgb(201, 136, 192)  
}
```

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(201, 136, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 136, 192) }
```

Border

The CSS property to change the border of an element to Yxy 33.8316, 0.3252, 0.2594 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(201, 136, 192) }
```

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

```
.border{ border-color:rgb(201, 136, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 136, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 136, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 136, 192); box-shadow:4px 4px 4px 4px rgb(201, 136, 192) }
```


Background

The CSS property to change the background color of an element to Yxy 33.8316, 0.3252, 0.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 136, 192) }
```

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

```
.background{ background-color: rgb(201,  
136, 192) }
```

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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