

Converting Colors

Yxy(34.0267, 0.3753, 0.3081)

Have a look what the booklet for
Yxy(34.0267, 0.3753, 0.3081)
contains.

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Color

Yxy(33.9261, 0.3752, 0.3078)

Conversions

Conversions Part 1

Format	Color
Hex	D2899A
RGB	210, 137, 154
RGB Percent	82%, 54%, 60%
CMY	0.1765, 0.4627, 0.3961
CMYK	0.00, 0.35, 0.27, 0.18
HSL	346°, 45%, 68%
HSV	346°, 35%, 82%
XYZ	41.3550, 33.9261, 34.9401
YIQ	160.7650, 38.0510, 20.7630

Conversions

Conversions Part 2

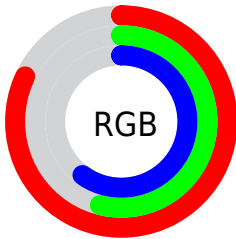
Format	Color
R _Y B	210, 137, 154
Decimal	13797786
CIE Lab	64.90, 30.15, 2.56
CIE LCh	65, 30.264, 4.860
Yxy	33.9261, 0.3752, 0.3078
Android (android.graphics.Color)	4291987866 (0xFFD2899A)
YUV	160.7650, -3.3351, 43.1791
Hunter-Lab	58.2461, 24.8051, 5.2060

Details

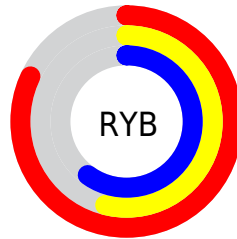
The Yxy color **33.9261, 0.3752, 0.3078** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.2590, 0.2736, 0.3517**, and the grayscale version is **35.5294, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0757, 0.3520, 0.3116**, and **14.5049, 0.3961, 0.3007** is the 20% darker color. If you saturate the color by 10%, you get **28.0255, 0.4027, 0.3018**, and if you desaturate by 10%, it is **41.0638, 0.3524, 0.3141**.

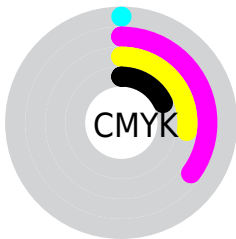
Distribution



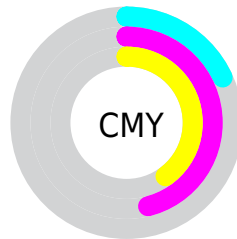
- Red (82%)
- Green (54%)
- Blue (60%)



- Red (82%)
- Yellow (54%)
- Blue (60%)



- Cyan (0%)
- Magenta (35%)
- Yellow (27%)
- Black (18%)





- Cyan (18%)
- Magenta (46%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9261, 0.3752, 0.3078 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 33.9261, 0.3752, 0.3078 by changing the saturation by 10% instead.


 33.9261, 0.3752,
0.3078


 33.9261, 0.3752,
0.3078


319.8024, 0.3422,
0.3192

 22.8368, 0.3840,
0.3047


 65.8187, 0.3628,
0.3122

 14.4731, 0.3957,
0.3005


 87.3909, 0.3582,
0.3137

 8.4504, 0.4120,
0.2946


 113.2261, 0.3545,
0.3150

 4.3845, 0.4360,
0.2857

143.7088, 0.3513,
0.3161

 1.8909, 0.4748,
0.2708

179.2234, 0.3485,
0.3171

 0.5429, 0.5807,
0.2384

220.1543, 0.3461,


 0.0000, 1.0000,


0.3179


0.0000


266.8858, 0.3440,
0.3186

 0.0000, 0.0000,
0.0000


 33.9261, 0.3752,
0.3078


 33.9261, 0.3752,
0.3078

 28.0255, 0.4027,
0.3018


 41.0638, 0.3524,
0.3141


 23.2866, 0.4353,
0.2967


 49.4986, 0.3339,
0.3204


 19.6334, 0.4724,
0.2934


 59.2926, 0.3188,
0.3263

 16.9786, 0.5122,
0.2930


 70.5021, 0.3066,
0.3318


 15.2213, 0.5512,
0.2964

 83.1807, 0.2967,
0.3369

 14.2390, 0.5852,
0.3036

 92.1644, 0.2883,
0.3334

 13.9213, 0.6002,
0.3080

 92.4405, 0.2860,
0.3289

Harmonies

Analogous

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



33.9261, 0.3302, 0.2769



33.9261, 0.3752, 0.3078



33.9261, 0.4028, 0.3448

Triad

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



33.9261, 0.3752, 0.3078



33.9261, 0.3371, 0.4131



33.9261, 0.2287, 0.2693

Complementary

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



33.9261, 0.3752, 0.3078



55.2590, 0.2736, 0.3517

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.



33.9261, 0.2302, 0.3023



33.9261, 0.3752, 0.3078



33.9261, 0.2907, 0.3909

Square

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



33.9261, 0.3752, 0.3078



33.9261, 0.3788, 0.4075



33.9261, 0.2521, 0.3479



33.9261, 0.2472, 0.2544

Rectangle

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



33.9261, 0.3752, 0.3078



33.9261, 0.4065, 0.3695



33.9261, 0.2521, 0.3479



33.9261, 0.2269, 0.2784

Sweetspot

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



33.9277, 0.3752, 0.3078



83.5991, 0.3265, 0.3232



33.8795, 0.3004, 0.2391



17.4385, 0.3287, 0.3223



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.



33.9277, 0.3752, 0.3078



45.4191, 0.3960, 0.3031



39.4425, 0.3861, 0.3537



11.8527, 0.3254, 0.3236



8.5055, 0.5967, 0.3061



0.4881, 0.5437, 0.2769

Inverse Universe

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



33.9277, 0.3752, 0.3078



45.4191, 0.3960, 0.3031



47.0290, 0.2604, 0.3026



11.8527, 0.3254, 0.3236



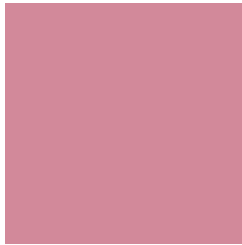
8.5055, 0.5967, 0.3061



0.4881, 0.5437, 0.2769

Previews

White Background



This preview shows how the Yxy color 33.9261, 0.3752, 0.3078 looks on a white background.

Color Contrast Check

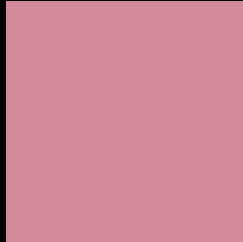
Large Text (above 18pt) WCAG AA × Fail

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 33.9261, 0.3752, 0.3078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

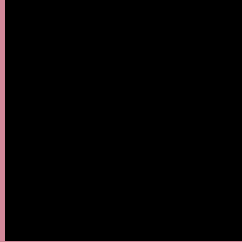
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9261, 0.3752, 0.3078

Background



This preview shows how black text looks on a background with the Yxy color 33.9261, 0.3752, 0.3078.



This preview shows how white text looks on a background with the Yxy color 33.9261, 0.3752, 0.3078.

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

33.9261, 0.3752, 0.3078

Protanopia

34.1362, 0.3056, 0.3158

Deuteranopia

34.2469, 0.3381, 0.3319



Tritanopia

33.8704, 0.3806, 0.3165

Trichromacy



Original Color

33.9261, 0.3752, 0.3078

Protanomaly

33.7684, 0.3288, 0.3122

Deuteranomaly

33.8258, 0.3510, 0.3223

Tritanomaly

33.9343, 0.3783, 0.3140

Monochromacy



Original Color

33.9261, 0.3752, 0.3078

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.5088, 0.3344, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9261, 0.3752, 0.3078 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(210, 137, 154)` looks like.

```
.text, #text, p{  
    color:rgb(210, 137, 154)  
}
```

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(210, 137, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 137, 154) }
```

Border

The CSS property to change the border of an element to Yxy 33.9261, 0.3752, 0.3078 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(210, 137, 154) }
```

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

```
.border{ border-color:rgb(210, 137, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 137, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 137, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 137, 154);  
box-shadow:4px 4px 4px 4px rgb(210, 137,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9261, 0.3752, 0.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 137, 154) }
```

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

```
.background{ background-color: rgb(210,  
137, 154) }
```

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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