

Converting Colors

$Y_{xy}(33.9225, 0.3970, 0.3020)$

Have a look what the booklet for
Yxy(33.9225, 0.3970, 0.3020)
contains.

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Color

Yxy(33.9751, 0.3963, 0.3021)

Conversions

Conversions Part 1

Format	Color
Hex	E18198
RGB	225, 129, 152
RGB Percent	88%, 51%, 60%
CMY	0.1177, 0.4941, 0.4039
CMYK	0.00, 0.43, 0.32, 0.12
HSL	346°, 62%, 69%
HSV	346°, 43%, 88%
XYZ	44.5691, 33.9751, 33.9189
YIQ	160.3260, 49.8330, 27.5050

Conversions

Conversions Part 2

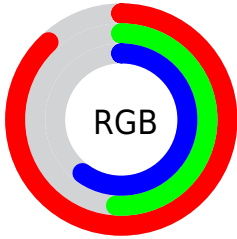
Format	Color
R_{YB}	225, 129, 152
Decimal	14778776
CIE _{Lab}	64.94, 39.56, 3.98
CIE _{LCh}	65, 39.758, 5.743
Yxy	33.9751, 0.3963, 0.3021
Android (android.graphics.Color)	4292968856 (0xFFE18198)
YUV	160.3260, -4.1047, 56.7191
Hunter-Lab	58.2882, 34.4829, 6.2999

Details

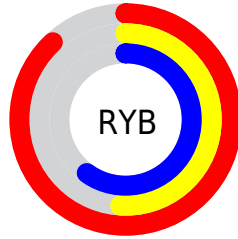
The Yxy color **33.9751, 0.3963, 0.3021** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.7806, 0.2666, 0.3588**, and the grayscale version is **35.3156, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5832, 0.3552, 0.3053**, and **14.4628, 0.4239, 0.2928** is the 20% darker color. If you saturate the color by 10%, you get **28.1666, 0.4277, 0.2966**, and if you desaturate by 10%, it is **41.1728, 0.3699, 0.3084**.

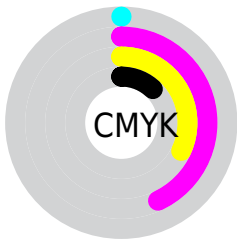
Distribution



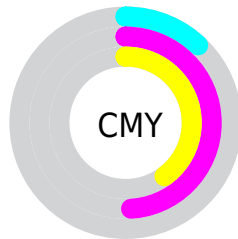
- Red (88%)
- Green (51%)
- Blue (60%)



- Red (88%)
- Yellow (51%)
- Blue (60%)



- Cyan (0%)
- Magenta (43%)
- Yellow (32%)
- Black (12%)





- Cyan (12%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.9751, 0.3963, 0.3021 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 33.9751, 0.3963, 0.3021 by changing the saturation by 10% instead.

 33.9751, 0.3963,
0.3021


 33.9751, 0.3963,
0.3021


320.0210, 0.3522,
0.3167


 22.8745, 0.4081,
0.2981


 65.8949, 0.3797,
0.3077

 14.5008, 0.4236,
0.2926


 87.4830, 0.3736,
0.3097

 8.4698, 0.4451,
0.2849

 113.3355, 0.3686,
0.3114

 4.3970, 0.4766,
0.2733

143.8371, 0.3643,
0.3128

 1.8980, 0.5265,
0.2541

179.3720, 0.3606,
0.3140

 0.5472, 0.6580,
0.2164

220.3247, 0.3574,

 0.0000, 1.0000,

0.3150

0.0000

267.0796, 0.3546,
0.3159

0.0000, 0.0000,
0.0000

33.9751, 0.3963,
0.3021

33.9751, 0.3963,
0.3021

28.1666, 0.4277,
0.2966

41.1728, 0.3699,
0.3084

23.6521, 0.4639,
0.2927

49.8364, 0.3481,
0.3150

20.3325, 0.5032,
0.2916

60.0434, 0.3304,
0.3214

18.0922, 0.5425,
0.2942

71.8639, 0.3161,
0.3275

16.7919, 0.5778,
0.3009

85.3639, 0.3044,
0.3331

■ 16.2727, 0.5991,
0.3074

■ 94.7251, 0.2948,
0.3293

■ 94.7471, 0.2946,
0.3289

Harmonies

Analogous

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



33.9751, 0.3368, 0.2634



33.9751, 0.3963, 0.3021



33.9751, 0.4318, 0.3484

Triad

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



33.9751, 0.3963, 0.3021



33.9751, 0.3409, 0.4410



33.9751, 0.2058, 0.2500

Complementary

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



33.9751, 0.3963, 0.3021



62.7806, 0.2666, 0.3588

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.



33.9751, 0.2066, 0.2908



33.9751, 0.3963, 0.3021



33.9751, 0.2811, 0.4109

Square

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



33.9751, 0.3963, 0.3021



33.9751, 0.3960, 0.4312



33.9751, 0.2327, 0.3512



33.9751, 0.2295, 0.2334

Rectangle

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



33.9751, 0.3963, 0.3021



33.9751, 0.4352, 0.3799



33.9751, 0.2327, 0.3512



33.9751, 0.2033, 0.2609

Sweetspot

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



33.9768, 0.3963, 0.3021



79.1245, 0.3311, 0.3211



33.5559, 0.2949, 0.2173



16.2564, 0.3347, 0.3197



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.



33.9768, 0.3963, 0.3021



38.3188, 0.4233, 0.2972



40.3762, 0.4110, 0.3576



13.7541, 0.3255, 0.3234



9.3926, 0.5954, 0.3053



0.6650, 0.5516, 0.2813

Inverse Universe

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



33.9768, 0.3963, 0.3021



38.3188, 0.4233, 0.2972



51.8769, 0.2497, 0.2975



13.7541, 0.3255, 0.3234



9.3926, 0.5954, 0.3053



0.6650, 0.5516, 0.2813

Previews

White Background



This preview shows how the Yxy color 33.9751, 0.3963, 0.3021 looks on a white background.

Color Contrast Check

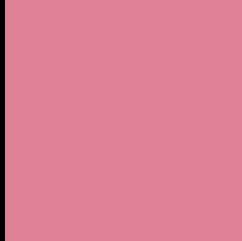
Large Text (above 18pt) WCAG AA × Fail

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 33.9751, 0.3963, 0.3021 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 33.9751, 0.3963, 0.3021

Background



This preview shows how black text looks on a background with the Yxy color 33.9751, 0.3963, 0.3021.



This preview shows how white text looks on a background with the Yxy color 33.9751, 0.3963, 0.3021.

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

33.9751, 0.3963, 0.3021

Protanopia

34.2102, 0.3039, 0.3129

Deuteranopia

34.2677, 0.3421, 0.3362



Tritanopia

34.0030, 0.4076, 0.3174

Trichromacy



Original Color

33.9751, 0.3963, 0.3021

Protanomaly

33.4212, 0.3344, 0.3083

Deuteranomaly

33.5858, 0.3614, 0.3224

Tritanomaly

33.8569, 0.4032, 0.3115

Monochromacy



Original Color

33.9751, 0.3963, 0.3021

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.1196, 0.3412, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9751, 0.3963, 0.3021 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(225, 129, 152)` looks like.

```
.text, #text, p{  
    color:rgb(225, 129, 152)  
}
```

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(225, 129, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 129, 152) }
```

Border

The CSS property to change the border of an element to Yxy 33.9751, 0.3963, 0.3021 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(225, 129, 152) }
```

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

```
.border{ border-color:rgb(225, 129, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 129, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 129, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 129, 152);  
box-shadow:4px 4px 4px 4px rgb(225, 129,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9751, 0.3963, 0.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 129, 152) }
```

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

```
.background{ background-color: rgb(225,  
129, 152) }
```

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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