

Converting Colors

$Yxy(43.2199, 0.3728, 0.3116)$

Have a look what the booklet for
Yxy(43.2199, 0.3728, 0.3116)
contains.

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Color

Yxy(43.1680, 0.3729, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	E69BAA
RGB	230, 155, 170
RGB Percent	90%, 61%, 67%
CMY	0.0980, 0.3921, 0.3335
CMYK	0.00, 0.33, 0.26, 0.10
HSL	348°, 60%, 75%
HSV	348°, 33%, 90%
XYZ	51.6106, 43.1680, 43.6247
YIQ	179.1350, 39.8850, 20.5650

Conversions

Conversions Part 2

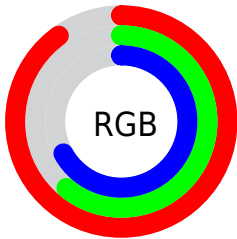
Format	Color
R _Y B	230, 155, 170
Decimal	15113130
CIE Lab	71.67, 30.03, 3.71
CIE LCh	72, 30.261, 7.045
Yxy	43.1680, 0.3729, 0.3119
Android (android.graphics.Color)	4293303210 (0xFFE69BAA)
YUV	179.1350, -4.5036, 44.6086
Hunter-Lab	65.7024, 25.2364, 6.6246

Details

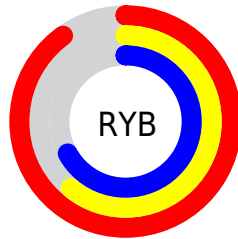
The Yxy color **43.1680, 0.3729, 0.3119** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.4789, 0.2742, 0.3471**, and the grayscale version is **45.1640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7894, 0.3359, 0.3140**, and **19.8927, 0.3907, 0.3066** is the 20% darker color. If you saturate the color by 10%, you get **35.5807, 0.4009, 0.3066**, and if you desaturate by 10%, it is **52.3151, 0.3499, 0.3174**.

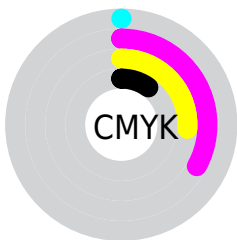
Distribution



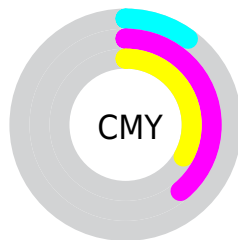
- Red (90%)
- Green (61%)
- Blue (67%)



- Red (90%)
- Yellow (61%)
- Blue (67%)



- Cyan (0%)
- Magenta (33%)
- Yellow (26%)
- Black (10%)





- Cyan (10%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1680, 0.3729, 0.3119 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 43.1680, 0.3729, 0.3119 by changing the saturation by 10% instead.


 43.1680, 0.3729,
0.3119


 43.1680, 0.3729,
0.3119


359.3022, 0.3423,
0.3209

 30.0170, 0.3807,
0.3095


 79.9643, 0.3617,
0.3153

 19.8515, 0.3908,
0.3064


 104.3784, 0.3575,
0.3165

 12.2871, 0.4044,
0.3021


133.3156, 0.3539,
0.3175

 6.9395, 0.4235,
0.2959

167.1603, 0.3509,
0.3184

 3.4243, 0.4526,
0.2862

206.2969, 0.3483,
0.3191

 1.3571, 0.5014,
0.2689

251.1098, 0.3461,


 0.1848, 0.8313,


0.3198

0.1687


301.9835, 0.3441,
0.3204


 0.0000, 0.0000,
0.0000

 43.1680, 0.3729,
0.3119

 43.1680, 0.3729,
0.3119

 35.5807, 0.4009,
0.3066

 52.3151, 0.3499,
0.3174

 29.4600, 0.4343,
0.3021

 63.0962, 0.3312,
0.3227


 24.7122, 0.4727,
0.2992

 75.5880, 0.3162,
0.3277

 21.2303, 0.5140,
0.2987

 89.8607, 0.3040,
0.3324

 18.8912, 0.5548,
0.3015

 95.5652, 0.2976,
0.3290

■ 17.5468, 0.5901,
0.3078

■ 17.0215, 0.6105,
0.3137

Harmonies

Analogous

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



43.1680, 0.3323, 0.2824



43.1680, 0.3729, 0.3119



43.1680, 0.3967, 0.3466

Triad

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



43.1680, 0.3729, 0.3119



43.1680, 0.3324, 0.4056



43.1680, 0.2353, 0.2723

Complementary

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



43.1680, 0.3729, 0.3119



68.4789, 0.2742, 0.3471

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.



43.1680, 0.2354, 0.3019



43.1680, 0.3729, 0.3119



43.1680, 0.2896, 0.3834

Square

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



43.1680, 0.3729, 0.3119



43.1680, 0.3716, 0.4027



43.1680, 0.2546, 0.3434



43.1680, 0.2540, 0.2595

Rectangle

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



43.1680, 0.3729, 0.3119



43.1680, 0.3990, 0.3694



43.1680, 0.2546, 0.3434



43.1680, 0.2332, 0.2804

Sweetspot

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



43.1700, 0.3729, 0.3119



83.5500, 0.3271, 0.3240



43.6066, 0.3034, 0.2449



17.4267, 0.3293, 0.3233



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.



43.1700, 0.3729, 0.3119



47.9966, 0.3908, 0.3084



50.8366, 0.3798, 0.3551



14.4148, 0.3261, 0.3243



9.6492, 0.6071, 0.3118



0.7261, 0.5674, 0.2899

Inverse Universe

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



43.1700, 0.3729, 0.3119



47.9966, 0.3908, 0.3084



57.5562, 0.2629, 0.3011



14.4148, 0.3261, 0.3243



9.6492, 0.6071, 0.3118



0.7261, 0.5674, 0.2899

Previews

White Background



This preview shows how the Yxy color 43.1680, 0.3729, 0.3119 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 43.1680, 0.3729, 0.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

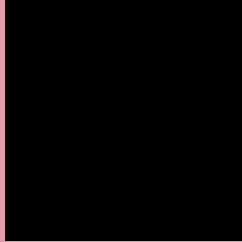
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1680, 0.3729, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 43.1680, 0.3729, 0.3119.



This preview shows how white text looks on a background with the Yxy color 43.1680, 0.3729, 0.3119.

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

43.1680, 0.3729, 0.3119

Protanopia

43.3433, 0.3096, 0.3210

Deuteranopia

43.2752, 0.3394, 0.3329



Tritanopia

43.0557, 0.3759, 0.3153

Trichromacy



Original Color

43.1680, 0.3729, 0.3119

Protanomaly

42.9154, 0.3308, 0.3176

Deuteranomaly

43.1473, 0.3509, 0.3254

Tritanomaly

43.0928, 0.3749, 0.3142

Monochromacy



Original Color

43.1680, 0.3729, 0.3119

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.8898, 0.3332, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1680, 0.3729, 0.3119 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(230, 155, 170)` looks like.

```
.text, #text, p{  
    color:rgb(230, 155, 170)  
}
```

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(230, 155, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 155, 170) }
```

Border

The CSS property to change the border of an element to Yxy 43.1680, 0.3729, 0.3119 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(230, 155, 170) }
```

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

```
.border{ border-color:rgb(230, 155, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 155, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 155, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 155, 170);  
box-shadow:4px 4px 4px 4px rgb(230, 155,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1680, 0.3729, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 155, 170) }
```

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

```
.background{ background-color: rgb(230,  
155, 170) }
```

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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