

Converting Colors

$Yxy(35.9965, 0.3585, 0.3238)$

Have a look what the booklet for
Yxy(35.9965, 0.3585, 0.3238)
contains.

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Color

Yxy(36.1516, 0.3586, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	C6969A
RGB	198, 150, 154
RGB Percent	78%, 59%, 60%
CMY	0.2236, 0.4117, 0.3961
CMYK	0.00, 0.24, 0.22, 0.22
HSL	355°, 30%, 68%
HSV	355°, 24%, 78%
XYZ	40.0246, 36.1516, 35.4373
YIQ	164.8080, 27.3240, 11.4200

Conversions

Conversions Part 2

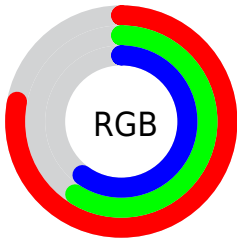
Format	Color
R_{YB}	198, 150, 154
Decimal	13014682
CIE Lab	66.64, 18.58, 4.90
CIE LCh	67, 19.219, 14.781
Yxy	36.1516, 0.3586, 0.3239
Android (android.graphics.Color)	4291204762 (0xFFC6969A)
YUV	164.8080, -5.3283, 29.1094
Hunter-Lab	60.1262, 13.6024, 7.1439

Details

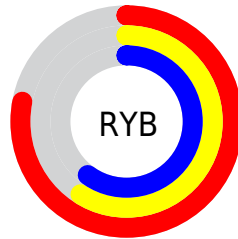
The Yxy color **36.1516, 0.3586, 0.3239** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.7623, 0.2799, 0.3342**, and the grayscale version is **37.5467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9998, 0.3496, 0.3250**, and **15.7426, 0.3730, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **29.7989, 0.3857, 0.3217**, and if you desaturate by 10%, it is **43.6666, 0.3367, 0.3261**.

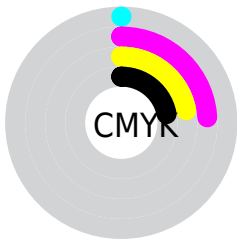
Distribution



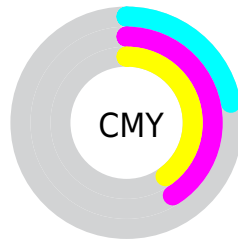
- Red (78%)
- Green (59%)
- Blue (60%)



- Red (78%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (24%)
- Yellow (22%)
- Black (22%)





- Cyan (22%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1516, 0.3586, 0.3239 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 36.1516, 0.3586, 0.3239 by changing the saturation by 10% instead.


 36.1516, 0.3586,
0.3239


 36.1516, 0.3586,
0.3239


329.6227, 0.3345,
0.3269

 24.5513, 0.3650,
0.3230


 69.2660, 0.3496,
0.3251

 15.7431, 0.3734,
0.3218

 91.5489, 0.3463,
0.3255

 9.3425, 0.3851,
0.3200


118.1614, 0.3435,
0.3258

 4.9653, 0.4023,
0.3170

149.4880, 0.3412,
0.3261

 2.2269, 0.4300,
0.3118

185.9130, 0.3392,
0.3263

 0.7346, 0.5000,
0.3082

227.8209, 0.3374,

 0.0000, 1.0000,

0.3265

0.0000

275.5960, 0.3359,
0.3267

0.0000, 0.0000,
0.0000

36.1516, 0.3586,
0.3239

36.1516, 0.3586,
0.3239

29.7989, 0.3857,
0.3217

43.6666, 0.3367,
0.3261

24.5459, 0.4188,
0.3197

52.3927, 0.3191,
0.3282

20.3316, 0.4579,
0.3181

62.3819, 0.3049,
0.3301

17.0869, 0.5019,
0.3173

73.6816, 0.2935,
0.3318

14.7345, 0.5474,
0.3179

86.3369, 0.2843,
0.3334

■ 13.1854, 0.5888,
0.3201

■ 90.7439, 0.2794,
0.3289

■ 12.3317, 0.6195,
0.3236

■ 12.0426, 0.6315,
0.3253

Harmonies

Analogous

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



36.1516, 0.3338, 0.3016



36.1516, 0.3586, 0.3239



36.1516, 0.3706, 0.3483

Triad

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



36.1516, 0.3586, 0.3239



36.1516, 0.3192, 0.3772



36.1516, 0.2615, 0.2872

Complementary

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



36.1516, 0.3586, 0.3239



50.7623, 0.2799, 0.3342

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.



36.1516, 0.2581, 0.3053



36.1516, 0.3586, 0.3239



36.1516, 0.2905, 0.3588

Square

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



36.1516, 0.3586, 0.3239



36.1516, 0.3470, 0.3806



36.1516, 0.2685, 0.3317



36.1516, 0.2779, 0.2807

Rectangle

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



36.1516, 0.3586, 0.3239



36.1516, 0.3694, 0.3631



36.1516, 0.2685, 0.3317



36.1516, 0.2588, 0.2920

Sweetspot

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



36.1533, 0.3586, 0.3239



88.1255, 0.3237, 0.3276



37.3608, 0.3117, 0.2687



18.6546, 0.3248, 0.3275



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.



36.1533, 0.3586, 0.3239



57.9240, 0.3720, 0.3228



42.9562, 0.3568, 0.3550



10.6510, 0.3277, 0.3271



7.8382, 0.6298, 0.3243



0.3762, 0.5969, 0.3062

Inverse Universe

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



36.1533, 0.3586, 0.3239



57.9240, 0.3720, 0.3228



42.4013, 0.2751, 0.3015



10.6510, 0.3277, 0.3271



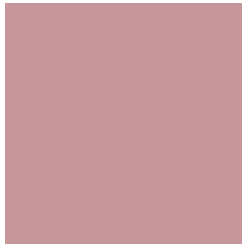
7.8382, 0.6298, 0.3243



0.3762, 0.5969, 0.3062

Previews

White Background



This preview shows how the Yxy color 36.1516, 0.3586, 0.3239 looks on a white background.

Color Contrast Check

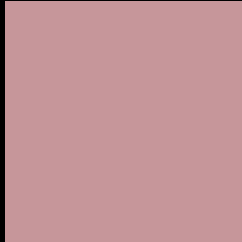
Large Text (above 18pt) WCAG AA × Fail

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 36.1516, 0.3586, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

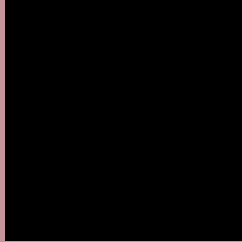
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1516, 0.3586, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 36.1516, 0.3586, 0.3239.



This preview shows how white text looks on a background with the Yxy color 36.1516, 0.3586, 0.3239.

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

36.1516, 0.3586, 0.3239

Protanopia

36.4857, 0.3183, 0.3319

Deuteranopia

36.3589, 0.3414, 0.3346



Tritanopia

36.1751, 0.3537, 0.3148

Trichromacy



Original Color

36.1516, 0.3586, 0.3239

Protanomaly

36.3873, 0.3324, 0.3291

Deuteranomaly

36.1025, 0.3482, 0.3305

Tritanomaly

36.1056, 0.3558, 0.3174

Monochromacy



Original Color

36.1516, 0.3586, 0.3239

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.0619, 0.3283, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1516, 0.3586, 0.3239 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(198, 150, 154)` looks like.

```
.text, #text, p{  
    color:rgb(198, 150, 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(198, 150, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 150, 154) }
```

Border

The CSS property to change the border of an element to Yxy 36.1516, 0.3586, 0.3239 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(198, 150, 154) }
```

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

```
.border{ border-color:rgb(198, 150, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 150, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 150, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 150, 154);  
box-shadow:4px 4px 4px 4px rgb(198, 150,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1516, 0.3586, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 150, 154) }
```

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

```
.background{ background-color: rgb(198,  
150, 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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