

Converting Colors

$Yxy(36.5263, 0.3449, 0.3041)$

Have a look what the booklet for
Yxy(36.5263, 0.3449, 0.3041)
contains.

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Color

Yxy(36.5016, 0.3445, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	C795A9
RGB	199, 149, 169
RGB Percent	78%, 58%, 66%
CMY	0.2196, 0.4157, 0.3373
CMYK	0.00, 0.25, 0.15, 0.22
HSL	336°, 31%, 68%
HSV	336°, 25%, 78%
XYZ	41.4599, 36.5016, 42.3866
YIQ	166.2300, 23.3800, 16.8200

Conversions

Conversions Part 2

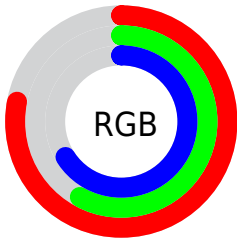
Format	Color
R_{YB}	199, 149, 169
Decimal	13079977
CIE _{Lab}	66.90, 21.86, -3.10
CIE _{LCh}	67, 22.084, 351.930
Yxy	36.5016, 0.3445, 0.3033
Android (android.graphics.Color)	4291270057 (0xFFC795A9)
YUV	166.2300, 1.3656, 28.7393
Hunter-Lab	60.4166, 16.7640, 0.6953

Details

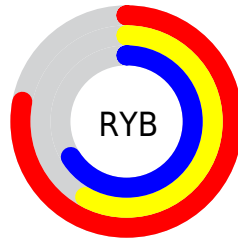
The Yxy color **36.5016, 0.3445, 0.3033** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.4918, 0.2891, 0.3563**, and the grayscale version is **38.2355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3537, 0.3375, 0.3078**, and **15.9490, 0.3538, 0.2957** is the 20% darker color. If you saturate the color by 10%, you get **30.3064, 0.3620, 0.2925**, and if you desaturate by 10%, it is **43.8170, 0.3300, 0.3139**.

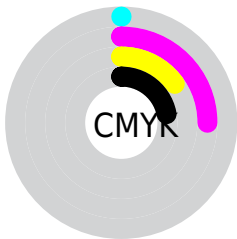
Distribution



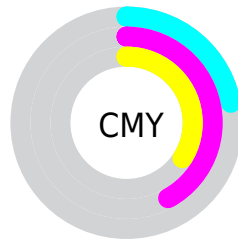
- Red (78%)
- Green (58%)
- Blue (66%)



- Red (78%)
- Yellow (58%)
- Blue (66%)



- Cyan (0%)
- Magenta (25%)
- Yellow (15%)
- Black (22%)





- Cyan (22%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5016, 0.3445, 0.3033 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 36.5016, 0.3445, 0.3033 by changing the saturation by 10% instead.


 36.5016, 0.3445,
0.3033


 36.5016, 0.3445,
0.3033

331.1477, 0.3281,
0.3165

 24.8218, 0.3488,
0.2999

 69.8056, 0.3384,
0.3082

 15.9444, 0.3544,
0.2955


 92.1986, 0.3361,
0.3100

 9.4848, 0.3621,
0.2895


118.9314, 0.3343,
0.3115

 5.0587, 0.3733,
0.2809

150.3886, 0.3326,
0.3128

 2.2818, 0.3909,
0.2675

186.9544, 0.3313,
0.3139

 0.7640, 0.4234,
0.2427

229.0132, 0.3301,


 0.0000, 1.0000,


0.3149


0.0000


276.9495, 0.3290,
0.3157

 0.0000, 0.0000,
0.0000

 36.5016, 0.3445,
0.3033


 36.5016, 0.3445,
0.3033


 30.3064, 0.3620,
0.2925


 43.8170, 0.3300,
0.3139

 25.1706, 0.3829,
0.2821


 52.2993, 0.3180,
0.3241


 21.0353, 0.4073,
0.2729

 61.9990, 0.3082,
0.3336

 17.8336, 0.4350,
0.2660

 72.9617, 0.3001,
0.3423

 15.4905, 0.4651,
0.2625

 85.2309, 0.2935,
0.3504

■ 13.9191, 0.4960,
0.2637

■ 89.9933, 0.2873,
0.3441

■ 13.0138, 0.5255,
0.2702

■ 90.7297, 0.2812,
0.3314

■ 12.7137, 0.5393,
0.2744

■ 90.8818, 0.2800,
0.3289

Harmonies

Analogous

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



36.5016, 0.3108, 0.2836



36.5016, 0.3445, 0.3033



36.5016, 0.3702, 0.3295

Triad

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



36.5016, 0.3445, 0.3033



36.5016, 0.3447, 0.3890



36.5016, 0.2501, 0.2957

Complementary

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



36.5016, 0.3445, 0.3033



50.4918, 0.2891, 0.3563

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.



36.5016, 0.2581, 0.3242



36.5016, 0.3445, 0.3033



36.5016, 0.3118, 0.3810

Square

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



36.5016, 0.3445, 0.3033



36.5016, 0.3699, 0.3792



36.5016, 0.2803, 0.3564



36.5016, 0.2576, 0.2782

Rectangle

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



36.5016, 0.3445, 0.3033



36.5016, 0.3786, 0.3481



36.5016, 0.2803, 0.3564



36.5016, 0.2511, 0.3042

Sweetspot

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



36.5033, 0.3445, 0.3033



86.9039, 0.3213, 0.3211



35.2050, 0.2968, 0.2635



18.1073, 0.3231, 0.3195



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.



36.5033, 0.3445, 0.3033



57.9068, 0.3534, 0.2976



37.4257, 0.3636, 0.3357



10.7060, 0.3228, 0.3198



8.1917, 0.5357, 0.2725



0.4021, 0.4806, 0.2421

Inverse Universe

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



36.5033, 0.3445, 0.3033



57.9068, 0.3534, 0.2976



49.0967, 0.2756, 0.3222



10.7060, 0.3228, 0.3198



8.1917, 0.5357, 0.2725



0.4021, 0.4806, 0.2421

Previews

White Background



This preview shows how the Yxy color 36.5016, 0.3445, 0.3033 looks on a white background.

Color Contrast Check

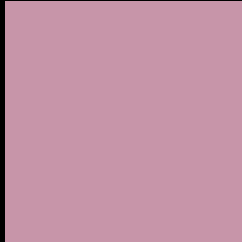
Large Text (above 18pt) WCAG AA × Fail

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 36.5016, 0.3445, 0.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

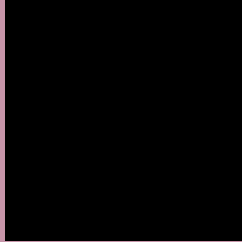
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5016, 0.3445, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 36.5016, 0.3445, 0.3033.



This preview shows how white text looks on a background with the Yxy color 36.5016, 0.3445, 0.3033.

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

36.5016, 0.3445, 0.3033

Protanopia

36.6964, 0.2999, 0.3077

Deuteranopia

36.5909, 0.3230, 0.3166



Tritanopia

36.4271, 0.3504, 0.3135

Trichromacy



Original Color

36.5016, 0.3445, 0.3033

Protanomaly

36.2839, 0.3148, 0.3056

Deuteranomaly

36.5841, 0.3303, 0.3115

Tritanomaly

36.5351, 0.3473, 0.3096

Monochromacy



Original Color

36.5016, 0.3445, 0.3033

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.3966, 0.3238, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5016, 0.3445, 0.3033 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(199, 149, 169)` looks like.

```
.text, #text, p{  
    color:rgb(199, 149, 169)  
}
```

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(199, 149, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 149, 169) }
```

Border

The CSS property to change the border of an element to Yxy 36.5016, 0.3445, 0.3033 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(199, 149, 169) }
```

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

```
.border{ border-color:rgb(199, 149, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 149, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 149, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 149, 169); box-shadow:4px 4px 4px 4px rgb(199, 149, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5016, 0.3445, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 149, 169) }
```

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

```
.background{ background-color: rgb(199,  
149, 169) }
```

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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