

Converting Colors

$Yxy(36.0377, 0.3520, 0.3085)$

Have a look what the booklet for
Yxy(36.0377, 0.3520, 0.3085)
contains.

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Color

Yxy(36.1035, 0.3519, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	C894A3
RGB	200, 148, 163
RGB Percent	78%, 58%, 64%
CMY	0.2156, 0.4196, 0.3608
CMYK	0.00, 0.26, 0.19, 0.22
HSL	343°, 32%, 68%
HSV	343°, 26%, 78%
XYZ	41.0230, 36.1035, 39.4492
YIQ	165.2580, 26.1770, 15.6890

Conversions

Conversions Part 2

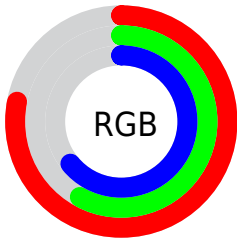
Format	Color
R _Y B	200, 148, 163
Decimal	13145251
CIE Lab	66.60, 21.83, -0.17
CIE LCh	67, 21.833, 359.561
Yxy	36.1035, 0.3519, 0.3097
Android (android.graphics.Color)	4291335331 (0xFFC894A3)
YUV	165.2580, -1.1132, 30.4687
Hunter-Lab	60.0862, 16.7175, 3.1338

Details

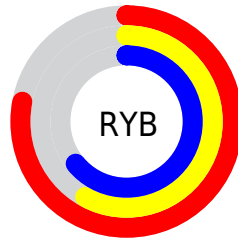
The Yxy color **36.1035, 0.3519, 0.3097** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.1180, 0.2845, 0.3493**, and the grayscale version is **37.7541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5630, 0.3422, 0.3128**, and **15.7168, 0.3646, 0.3045** is the 20% darker color. If you saturate the color by 10%, you get **29.8813, 0.3733, 0.3019**, and if you desaturate by 10%, it is **43.4707, 0.3343, 0.3174**.

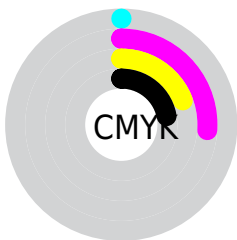
Distribution



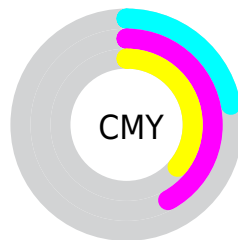
- Red (78%)
- Green (58%)
- Blue (64%)



- Red (78%)
- Yellow (58%)
- Blue (64%)



- Cyan (0%)
- Magenta (26%)
- Yellow (19%)
- Black (22%)





- Cyan (22%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1035, 0.3519, 0.3097 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 36.1035, 0.3519, 0.3097 by changing the saturation by 10% instead.


 36.1035, 0.3519,
0.3097


 36.1035, 0.3519,
0.3097


329.4127, 0.3315,
0.3198

 24.5141, 0.3573,
0.3070


 69.1918, 0.3443,
0.3135

 15.7154, 0.3644,
0.3036


 91.4595, 0.3415,
0.3148

 9.3230, 0.3741,
0.2988


118.0555, 0.3391,
0.3160

 4.9525, 0.3884,
0.2917

149.3641, 0.3371,
0.3170

 2.2194, 0.4113,
0.2805

185.7697, 0.3354,
0.3178

 0.7305, 0.4560,
0.2584

227.6567, 0.3339,

 0.0000, 1.0000,

0.3186

0.0000

275.4096, 0.3326,
0.3192

0.0000, 0.0000,
0.0000

36.1035, 0.3519,
0.3097

36.1035, 0.3519,
0.3097

29.8813, 0.3733,
0.3019

43.4707, 0.3343,
0.3174

24.7414, 0.3990,
0.2945

52.0316, 0.3200,
0.3248

20.6228, 0.4293,
0.2882

61.8378, 0.3083,
0.3317

17.4563, 0.4636,
0.2840

72.9368, 0.2988,
0.3380

15.1641, 0.5005,
0.2831

85.3732, 0.2911,
0.3438

■ 13.6556, 0.5371,
0.2865

■ 90.6058, 0.2839,
0.3358

■ 12.8178, 0.5699,
0.2943

■ 91.0222, 0.2805,
0.3289

■ 12.5839, 0.5818,
0.2978

Harmonies

Analogous

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



36.1035, 0.3195, 0.2880



36.1035, 0.3519, 0.3097



36.1035, 0.3739, 0.3366

Triad

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



36.1035, 0.3519, 0.3097



36.1035, 0.3365, 0.3883



36.1035, 0.2510, 0.2903

Complementary

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



36.1035, 0.3519, 0.3097



51.1180, 0.2845, 0.3493

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.



36.1035, 0.2551, 0.3163



36.1035, 0.3519, 0.3097



36.1035, 0.3034, 0.3757

Square

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



36.1035, 0.3519, 0.3097



36.1035, 0.3643, 0.3827



36.1035, 0.2738, 0.3483



36.1035, 0.2622, 0.2763

Rectangle

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



36.1035, 0.3519, 0.3097



36.1035, 0.3790, 0.3547



36.1035, 0.2738, 0.3483



36.1035, 0.2506, 0.2978

Sweetspot

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



36.1052, 0.3519, 0.3097



86.7675, 0.3228, 0.3233



35.5918, 0.3010, 0.2620



18.0731, 0.3249, 0.3222



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.



36.1052, 0.3519, 0.3097



56.4017, 0.3630, 0.3054



39.0115, 0.3643, 0.3427



10.6864, 0.3245, 0.3224



8.0130, 0.5782, 0.2959



0.3922, 0.5170, 0.2622

Inverse Universe

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



36.1052, 0.3519, 0.3097



56.4017, 0.3630, 0.3054



47.1276, 0.2737, 0.3148



10.6864, 0.3245, 0.3224



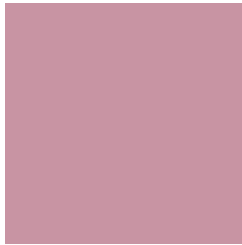
8.0130, 0.5782, 0.2959



0.3922, 0.5170, 0.2622

Previews

White Background



This preview shows how the Yxy color 36.1035, 0.3519, 0.3097 looks on a white background.

Color Contrast Check

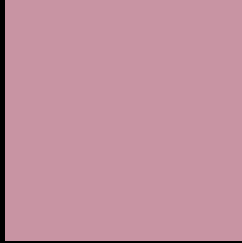
Large Text (above 18pt) WCAG AA × Fail

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 36.1035, 0.3519, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

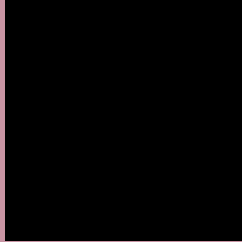
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1035, 0.3519, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 36.1035, 0.3519, 0.3097.



This preview shows how white text looks on a background with the Yxy color 36.1035, 0.3519, 0.3097.

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

36.1035, 0.3519, 0.3097

Protanopia

36.2165, 0.3059, 0.3147

Deuteranopia

36.1521, 0.3297, 0.3235



Tritanopia

36.3123, 0.3547, 0.3148

Trichromacy



Original Color

36.1035, 0.3519, 0.3097

Protanomaly

35.8342, 0.3213, 0.3124

Deuteranomaly

36.1589, 0.3373, 0.3182

Tritanomaly

36.3475, 0.3537, 0.3136

Monochromacy



Original Color

36.1035, 0.3519, 0.3097

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.9416, 0.3266, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1035, 0.3519, 0.3097 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(200, 148, 163)` looks like.

```
.text, #text, p{  
    color:rgb(200, 148, 163)  
}
```

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(200, 148, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 148, 163) }
```

Border

The CSS property to change the border of an element to Yxy 36.1035, 0.3519, 0.3097 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(200, 148, 163) }
```

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

```
.border{ border-color:rgb(200, 148, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 148, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 148, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 148, 163);  
box-shadow:4px 4px 4px 4px rgb(200, 148,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1035, 0.3519, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 148, 163) }
```

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

```
.background{ background-color: rgb(200,  
148, 163) }
```

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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