

Converting Colors

$Y_{xy}(36.9193, 0.3540, 0.3092)$

Have a look what the booklet for
Yxy(36.9193, 0.3540, 0.3092)
contains.

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Color

Yxy(37.0126, 0.3547, 0.3100)

Conversions

Conversions Part 1

Format	Color
Hex	CC95A4
RGB	204, 149, 164
RGB Percent	80%, 58%, 64%
CMY	0.2000, 0.4157, 0.3569
CMYK	0.00, 0.27, 0.20, 0.20
HSL	344°, 35%, 69%
HSV	344°, 27%, 80%
XYZ	42.3496, 37.0126, 40.0333
YIQ	167.1550, 27.9650, 16.3250

Conversions

Conversions Part 2

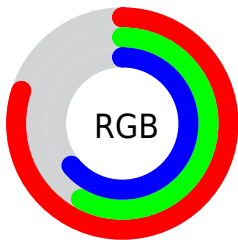
Format	Color
RYB	204, 149, 164
Decimal	13407652
CIELab	67.29, 22.90, 0.32
CIElCh	67, 22.900, 0.796
Yxy	37.0126, 0.3547, 0.3100
Android (android.graphics.Color)	4291597732 (0xFFCC95A4)
YUV	167.1550, -1.5554, 32.3131
Hunter-Lab	60.8380, 17.7881, 3.5719

Details

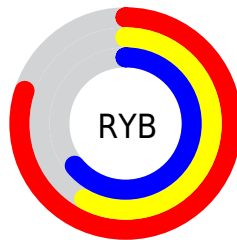
The Yxy color **37.0126, 0.3547, 0.3100** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.2495, 0.2830, 0.3490**, and the grayscale version is **38.7214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0863, 0.3413, 0.3128**, and **16.2948, 0.3685, 0.3050** is the 20% darker color. If you saturate the color by 10%, you get **30.6092, 0.3771, 0.3026**, and if you desaturate by 10%, it is **44.6125, 0.3364, 0.3173**.

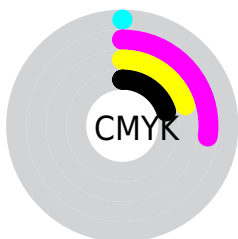
Distribution



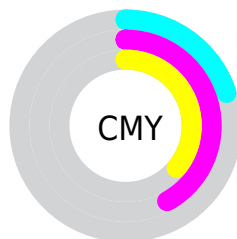
- Red (80%)
- Green (58%)
- Blue (64%)



- Red (80%)
- Yellow (58%)
- Blue (64%)



- Cyan (0%)
- Magenta (27%)
- Yellow (20%)
- Black (20%)





- Cyan (20%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0126, 0.3547, 0.3100 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 37.0126, 0.3547, 0.3100 by changing the saturation by 10% instead.

 37.0126, 0.3547,
0.3100


 37.0126, 0.3547,
0.3100


333.3651, 0.3329,
0.3199

 25.2172, 0.3604,
0.3074


 70.5922, 0.3466,
0.3137

 16.2390, 0.3679,
0.3040


 93.1452, 0.3436,
0.3151

 9.6934, 0.3783,
0.2993


120.0528, 0.3411,
0.3162

 5.1962, 0.3933,
0.2924

151.6996, 0.3389,
0.3172

 2.3628, 0.4171,
0.2815

188.4698, 0.3371,
0.3180

 0.8067, 0.4614,
0.2613

230.7478, 0.3355,

 0.0000, 1.0000,

0.3187

0.0000

278.9181, 0.3341,
0.3193

0.0000, 0.0000,
0.0000

37.0126, 0.3547,
0.3100

37.0126, 0.3547,
0.3100

30.6092, 0.3771,
0.3026

44.6125, 0.3364,
0.3173

25.3362, 0.4039,
0.2957

53.4605, 0.3214,
0.3244

21.1285, 0.4355,
0.2899

63.6113, 0.3093,
0.3309

17.9127, 0.4710,
0.2864

75.1151, 0.2994,
0.3370

15.6057, 0.5089,
0.2861

88.0190, 0.2913,
0.3425

■ 14.1107, 0.5459,
0.2901

■ 91.4507, 0.2837,
0.3310

■ 13.2996, 0.5783,
0.2983

■ 91.5771, 0.2827,
0.3289

■ 13.1190, 0.5873,
0.3009

Harmonies

Analogous

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



37.0126, 0.3212, 0.2872



37.0126, 0.3547, 0.3100



37.0126, 0.3770, 0.3380

Triad

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



37.0126, 0.3547, 0.3100



37.0126, 0.3360, 0.3906



37.0126, 0.2488, 0.2878

Complementary

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



37.0126, 0.3547, 0.3100



53.2495, 0.2830, 0.3490

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.



37.0126, 0.2524, 0.3144



37.0126, 0.3547, 0.3100



37.0126, 0.3015, 0.3767

Square

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



37.0126, 0.3547, 0.3100



37.0126, 0.3654, 0.3854



37.0126, 0.2712, 0.3477



37.0126, 0.2611, 0.2740

Rectangle

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



37.0126, 0.3547, 0.3100



37.0126, 0.3818, 0.3567



37.0126, 0.2712, 0.3477



37.0126, 0.2482, 0.2955

Sweetspot

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



37.0143, 0.3547, 0.3100



86.7488, 0.3230, 0.3236



36.6008, 0.3013, 0.2595



18.0684, 0.3251, 0.3225



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.



37.0143, 0.3547, 0.3100



55.2703, 0.3664, 0.3060



40.4695, 0.3664, 0.3444



11.2631, 0.3248, 0.3227



8.2709, 0.5837, 0.2989



0.4397, 0.5265, 0.2674

Inverse Universe

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



37.0143, 0.3547, 0.3100



55.2703, 0.3664, 0.3060



48.4856, 0.2722, 0.3130



11.2631, 0.3248, 0.3227



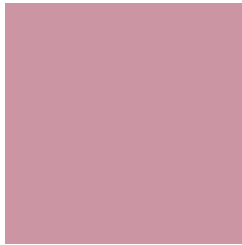
8.2709, 0.5837, 0.2989



0.4397, 0.5265, 0.2674

Previews

White Background



This preview shows how the Yxy color 37.0126, 0.3547, 0.3100 looks on a white background.

Color Contrast Check

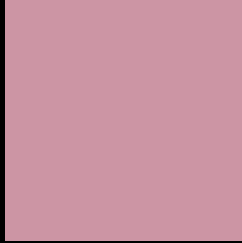
Large Text (above 18pt) WCAG AA × Fail

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 37.0126, 0.3547, 0.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

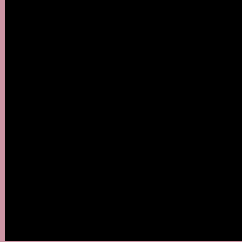
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0126, 0.3547, 0.3100

Background



This preview shows how black text looks on a background with the Yxy color 37.0126, 0.3547, 0.3100.



This preview shows how white text looks on a background with the Yxy color 37.0126, 0.3547, 0.3100.

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

37.0126, 0.3547, 0.3100

Protanopia

37.1723, 0.3068, 0.3163

Deuteranopia

37.2287, 0.3315, 0.3249



Tritanopia

37.2233, 0.3575, 0.3151

Trichromacy



Original Color

37.0126, 0.3547, 0.3100

Protanomaly

36.9020, 0.3231, 0.3140

Deuteranomaly

36.9059, 0.3392, 0.3184

Tritanomaly

37.2587, 0.3565, 0.3138

Monochromacy



Original Color

37.0126, 0.3547, 0.3100

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.5981, 0.3266, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0126, 0.3547, 0.3100 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(204, 149, 164)` looks like.

```
.text, #text, p{  
    color:rgb(204, 149, 164)  
}
```

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(204, 149, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 149, 164) }
```

Border

The CSS property to change the border of an element to Yxy 37.0126, 0.3547, 0.3100 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(204, 149, 164) }
```

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

```
.border{ border-color:rgb(204, 149, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 149, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 149, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 149, 164);  
box-shadow:4px 4px 4px 4px rgb(204, 149,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0126, 0.3547, 0.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 149, 164) }
```

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

```
.background{ background-color: rgb(204,  
149, 164) }
```

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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