

Converting Colors

$Yxy(40.5126, 0.3374, 0.3137)$

Have a look what the booklet for
Yxy(40.5126, 0.3374, 0.3137)
contains.

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Color

Yxy(40.5126, 0.3374, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	C6A1AD
RGB	198, 161, 173
RGB Percent	78%, 63%, 68%
CMY	0.2236, 0.3686, 0.3216
CMYK	0.00, 0.19, 0.13, 0.22
HSL	341°, 24%, 70%
HSV	341°, 19%, 78%
XYZ	43.5733, 40.5126, 45.0585
YIQ	173.4310, 18.2000, 11.5760

Conversions

Conversions Part 2

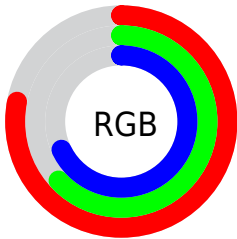
Format	Color
R _Y B	198, 161, 173
Decimal	13017517
CIE Lab	69.83, 15.57, -1.05
CIE LCh	70, 15.601, 356.135
Yxy	40.5126, 0.3374, 0.3137
Android (android.graphics.Color)	4291207597 (0xFFC6A1AD)
YUV	173.4310, -0.2125, 21.5470
Hunter-Lab	63.6495, 10.8113, 2.5823

Details

The Yxy color $40.5126, 0.3374, 0.3137$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $51.5044, 0.2930, 0.3449$, and the grayscale version is $42.0152, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.9732, 0.3330, 0.3170$, and $18.2470, 0.3449, 0.3082$ is the 20% darker color. If you saturate the color by 10%, you get $33.6410, 0.3549, 0.3050$, and if you desaturate by 10%, it is $48.5353, 0.3230, 0.3221$.

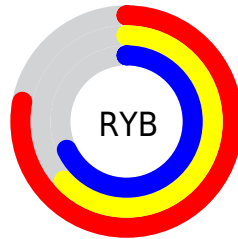
Distribution



Red (78%)

Green (63%)

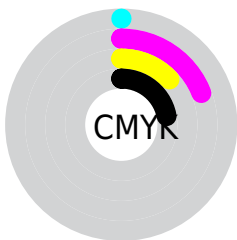
Blue (68%)



Red (78%)

Yellow (63%)

Blue (68%)

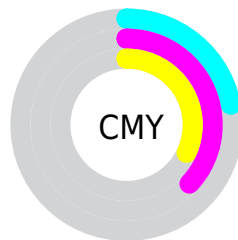


Cyan (0%)

Magenta (19%)

Yellow (13%)

Black (22%)



Cyan (22%)


Magenta (37%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.5126, 0.3374, 0.3137 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 40.5126, 0.3374, 0.3137 by changing the saturation by 10% instead.


 40.5126, 0.3374,
0.3137


 40.5126, 0.3374,
0.3137


348.2794, 0.3248,
0.3215

 27.9384, 0.3406,
0.3117


 75.9435, 0.3328,
0.3166

 18.2793, 0.3449,
0.3091

 99.5689, 0.3310,
0.3176

 11.1507, 0.3506,
0.3056


127.6470, 0.3296,
0.3185

 6.1683, 0.3588,
0.3006

160.5620, 0.3283,
0.3193

 2.9477, 0.3714,
0.2930

198.6983, 0.3273,
0.3200

 1.1045, 0.3937,
0.2797

242.4404, 0.3263,


 0.0000, 0.8716,


0.3205


0.0000


292.1726, 0.3255,
0.3210


 0.0000, 0.0000,
0.0000


 40.5126, 0.3374,
0.3137


 40.5126, 0.3374,
0.3137


 33.6410, 0.3549,
0.3050

 48.5353, 0.3230,
0.3221


 27.8622, 0.3762,
0.2962

 57.7532, 0.3113,
0.3300


 23.1208, 0.4015,
0.2881

 68.2146, 0.3017,
0.3373

 19.3544, 0.4310,
0.2814

 79.9637, 0.2939,
0.3440

 16.4939, 0.4641,
0.2772

 89.8085, 0.2872,
0.3450

■ 14.4609, 0.4992,
0.2767

■ 90.6327, 0.2803,
0.3307

■ 13.1635, 0.5336,
0.2809

■ 90.7437, 0.2794,
0.3289

■ 12.4538, 0.5647,
0.2895

■ 12.3762, 0.5686,
0.2906

Harmonies

Analogous

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



40.5126, 0.3150, 0.2989



40.5126, 0.3374, 0.3137



40.5126, 0.3534, 0.3326

Triad

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



40.5126, 0.3374, 0.3137



40.5126, 0.3320, 0.3695



40.5126, 0.2694, 0.3044

Complementary

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



40.5126, 0.3374, 0.3137



51.5044, 0.2930, 0.3449

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.



40.5126, 0.2736, 0.3232



40.5126, 0.3374, 0.3137



40.5126, 0.3092, 0.3620

Square

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



40.5126, 0.3374, 0.3137



40.5126, 0.3500, 0.3651



40.5126, 0.2880, 0.3447



40.5126, 0.2762, 0.2931

Rectangle

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



40.5126, 0.3374, 0.3137



40.5126, 0.3579, 0.3454



40.5126, 0.2880, 0.3447



40.5126, 0.2695, 0.3100

Sweetspot

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



40.5144, 0.3374, 0.3137



89.9756, 0.3198, 0.3242



39.9666, 0.3037, 0.2816



19.0352, 0.3206, 0.3237



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.



40.5144, 0.3374, 0.3137



67.0754, 0.3434, 0.3105



42.2782, 0.3473, 0.3371



10.6927, 0.3240, 0.3215



8.0640, 0.5651, 0.2887



0.3952, 0.5052, 0.2557

Inverse Universe

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



40.5144, 0.3374, 0.3137



67.0754, 0.3434, 0.3105



49.2761, 0.2845, 0.3208



10.6927, 0.3240, 0.3215



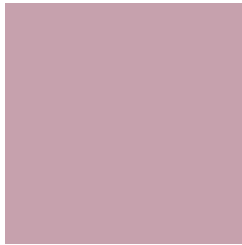
8.0640, 0.5651, 0.2887



0.3952, 0.5052, 0.2557

Previews

White Background



This preview shows how the Yxy color 40.5126, 0.3374, 0.3137 looks on a white background.

Color Contrast Check

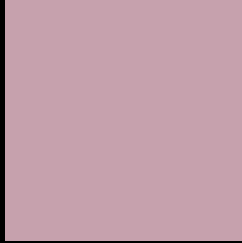
Large Text (above 18pt) WCAG AA × Fail

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 40.5126, 0.3374, 0.3137 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 40.5126, 0.3374, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 40.5126, 0.3374, 0.3137.



This preview shows how white text looks on a background with the Yxy color 40.5126, 0.3374, 0.3137.

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

40.5126, 0.3374, 0.3137

Protanopia

40.7345, 0.3078, 0.3181

Deuteranopia

40.4536, 0.3272, 0.3198



Tritanopia

40.5126, 0.3374, 0.3137

Trichromacy



Original Color

40.5126, 0.3374, 0.3137

Protanomaly

40.5958, 0.3179, 0.3170

Deuteranomaly

40.6058, 0.3312, 0.3186

Tritanomaly

40.5126, 0.3374, 0.3137

Monochromacy



Original Color

40.5126, 0.3374, 0.3137

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.3381, 0.3212, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5126, 0.3374, 0.3137 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, 161, 173)` looks like.

```
.text, #text, p{  
    color:rgb(198, 161, 173)  
}
```

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, 161, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 161, 173) }
```

Border

The CSS property to change the border of an element to Yxy 40.5126, 0.3374, 0.3137 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, 161, 173) }
```

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

```
.border{ border-color:rgb(198, 161, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 161, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 161, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 161, 173);  
box-shadow:4px 4px 4px 4px rgb(198, 161,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5126, 0.3374, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 161, 173) }
```

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

```
.background{ background-color: rgb(198,  
161, 173) }
```

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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