

# Converting Colors

Yxy(36.1156, 0.4059, 0.3634)

Have a look what the booklet for  
Yxy(36.1156, 0.4059, 0.3634)  
contains.

<b>Yxy(36.1156, 0.4059, 0.3634)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(36.1156, 0.4059, 0.3634)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D19479
RGB	209, 148, 121
RGB Percent	82%, 58%, 47%
CMY	0.1803, 0.4196, 0.5256
CMYK	0.00, 0.29, 0.42, 0.18
HSL	18°, 49%, 65%
HSV	18°, 42%, 82%
XYZ	40.3394, 36.1156, 22.9275
YIQ	163.1610, 45.0230, 4.5350

# Conversions

## Conversions Part 2

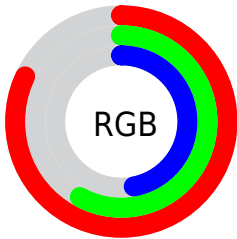
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 160, 121
Decimal	13735033
CIE <sub>Lab</sub>	66.61, 19.68, 23.44
CIE <sub>LCh</sub>	67, 30.608, 49.984
Yxy	36.1156, 0.4059, 0.3634
Android (android.graphics.Color)	4291925113 (0xFFD19479)
YUV	163.1610, -20.7854, 40.2008
Hunter-Lab	60.0963, 14.6489, 19.4474

# Details

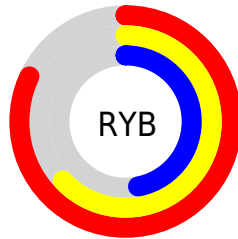
The Yxy color **36.1156, 0.4059, 0.3634** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.1269, 0.2494, 0.2909**, and the grayscale version is **36.7907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5571, 0.3768, 0.3583**, and **15.6927, 0.4351, 0.3712** is the 20% darker color. If you saturate the color by 10%, you get **31.3948, 0.4379, 0.3709**, and if you desaturate by 10%, it is **41.5199, 0.3778, 0.3551**.

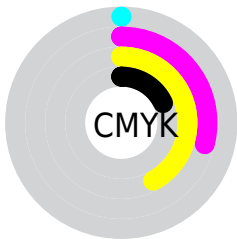
# Distribution



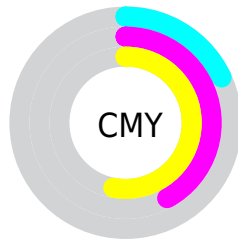
- Red (82%)
- Green (58%)
- Blue (47%)



- Red (82%)
- Yellow (63%)
- Blue (47%)



- Cyan (0%)
- Magenta (29%)
- Yellow (42%)
- Black (18%)




- Cyan (18%)
- Magenta (42%)
- Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 36.1156, 0.4059, 0.3634 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 36.1156, 0.4059, 0.3634 by changing the saturation by 10% instead.





 36.1156, 0.4059,  
0.3634


 36.1156, 0.4059,  
0.3634


329.4655, 0.3570,  
0.3473

 24.5235, 0.4187,  
0.3669


 69.2105, 0.3877,  
0.3579

 15.7224, 0.4354,  
0.3709


 91.4820, 0.3809,  
0.3557

 9.3279, 0.4580,  
0.3754


 118.0821, 0.3753,  
0.3539

 4.9557, 0.4898,  
0.3797

149.3952, 0.3706,  
0.3522

 2.2213, 0.5476,  
0.3888

185.8057, 0.3665,  
0.3508

 0.7316, 0.6255,  
0.3745

227.6980, 0.3629,

 0.0000, 1.0000,

0.3495

0.0000

275.4565, 0.3598,  
0.3483

0.0000, 0.0000,  
0.0000

36.1156, 0.4059,  
0.3634

36.1156, 0.4059,  
0.3634

31.3948, 0.4379,  
0.3709

41.5199, 0.3778,  
0.3551

27.3241, 0.4731,  
0.3767

47.6290, 0.3537,  
0.3466

23.8748, 0.5099,  
0.3795

54.4695, 0.3333,  
0.3384

21.0141, 0.5454,  
0.3783

62.0652, 0.3160,  
0.3306

18.7051, 0.5762,  
0.3722

70.4387, 0.3015,  
0.3234

■ 17.2410, 0.5959,  
0.3651

■ 79.6115, 0.2892,  
0.3168

■ 88.7870, 0.2852,  
0.3231

■ 92.2986, 0.2855,  
0.3289

# Harmonies

## Analogous

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



36.1156, 0.3914, 0.3262



36.1156, 0.4059, 0.3634



36.1156, 0.3932, 0.3957

# Triad

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



36.1156, 0.4059, 0.3634



36.1156, 0.2700, 0.3703



36.1156, 0.2640, 0.2546

# Complementary

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



36.1156, 0.4059, 0.3634



42.1269, 0.2494, 0.2909

# 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.



36.1156, 0.2363, 0.2601



36.1156, 0.4059, 0.3634



36.1156, 0.2393, 0.3241

# Square

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



36.1156, 0.4059, 0.3634



36.1156, 0.3135, 0.4046



36.1156, 0.2276, 0.2840



36.1156, 0.3064, 0.2662



# Rectangle

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



36.1156, 0.4059, 0.3634



36.1156, 0.3721, 0.4095



36.1156, 0.2276, 0.2840



36.1156, 0.2528, 0.2544

# Sweetspot

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



36.1173, 0.4059, 0.3634



84.2515, 0.3352, 0.3392



30.6314, 0.3454, 0.2540



17.5048, 0.3396, 0.3410



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.



36.1173, 0.4059, 0.3634



49.5977, 0.4361, 0.3706



52.3811, 0.3832, 0.4141



12.3915, 0.3283, 0.3362



10.7820, 0.5933, 0.3671



0.7430, 0.5568, 0.3961

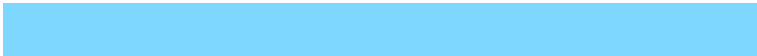


# Inverse Universe

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



42.1269, 0.2494, 0.2909



60.2250, 0.2368, 0.2806



27.0147, 0.2388, 0.2258



12.7693, 0.2983, 0.3217



15.4812, 0.1962, 0.2264



1.0026, 0.2021, 0.2475



# Previews

## White Background



This preview shows how the Yxy color 36.1156, 0.4059, 0.3634 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 36.1156, 0.4059, 0.3634 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 36.1156, 0.4059, 0.3634**

## Background



This preview shows how black text looks on a background with the Yxy color 36.1156, 0.4059, 0.3634.



This preview shows how white text looks on a background with the Yxy color 36.1156, 0.4059, 0.3634.

# 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**

36.1156, 0.4059, 0.3634

**Protanopia**

36.2572, 0.3558, 0.3795

**Deuteranopia**

36.3395, 0.3848, 0.3778



## Tritanopia

35.9751, 0.3754, 0.3155

# Trichromacy



**Original Color**

36.1156, 0.4059, 0.3634

**Protanomaly**

36.0337, 0.3731, 0.3734

**Deuteranomaly**

36.1443, 0.3927, 0.3728

**Tritanomaly**

36.0527, 0.3867, 0.3330

# Monochromacy



**Original Color**

36.1156, 0.4059, 0.3634

**Achromatopsia**

36.6253, 0.3127, 0.3290

**Achromatomaly**

36.2951, 0.3440, 0.3431

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 36.1156, 0.4059, 0.3634 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(209, 148, 121)` looks like.

```
.text, #text, p{  
    color:rgb(209, 148, 121)  
}
```

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(209, 148, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 148, 121) }
```

## Border

The CSS property to change the border of an element to Yxy 36.1156, 0.4059, 0.3634 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(209, 148, 121) }
```

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

```
.border{ border-color:rgb(209, 148, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 148, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 148, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 148, 121); box-shadow:4px 4px 4px 4px rgb(209, 148, 121) }
```



# Background

The CSS property to change the background color of an element to Yxy 36.1156, 0.4059, 0.3634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 148, 121) }
```

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

```
.background{ background-color: rgb(209,  
148, 121) }
```

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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