

Converting Colors

$Yxy(36.2965, 0.4320, 0.4204)$

Have a look what the booklet for
Yxy(36.2965, 0.4320, 0.4204)
contains.

Yxy(36.1228, 0.4315, 0.4198)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.1228, 0.4315, 0.4198)

Conversions

Conversions Part 1

Format	Color
Hex	C99A51
RGB	201, 154, 81
RGB Percent	79%, 60%, 32%
CMY	0.2117, 0.3961, 0.6824
CMYK	0.00, 0.23, 0.60, 0.21
HSL	37°, 53%, 55%
HSV	37°, 60%, 79%
XYZ	37.1296, 36.1228, 12.7953
YIQ	159.7310, 51.4450, -12.7390

Conversions

Conversions Part 2

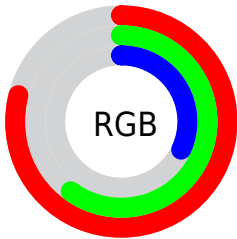
Format	Color
RYB	158, 201, 81
Decimal	13212241
CIELab	66.61, 9.41, 44.47
CIELCh	67, 45.460, 78.047
Yxy	36.1228, 0.4315, 0.4198
Android (android.graphics.Color)	4291402321 (0xFFC99A51)
YUV	159.7310, -38.8144, 36.1929
Hunter-Lab	60.1022, 5.0936, 29.4492

Details

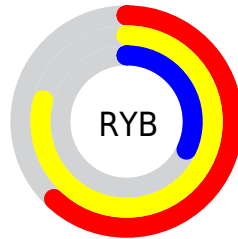
The Yxy color **36.1228, 0.4315, 0.4198** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **21.4005, 0.2137, 0.2112**, and the grayscale version is **35.1881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0377, 0.4060, 0.4065**, and **15.7287, 0.4639, 0.4395** is the 20% darker color. If you saturate the color by 10%, you get **33.3524, 0.4542, 0.4300**, and if you desaturate by 10%, it is **39.1564, 0.4085, 0.4065**.

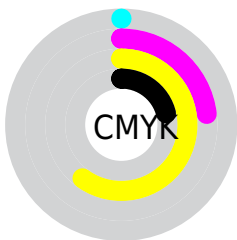
Distribution



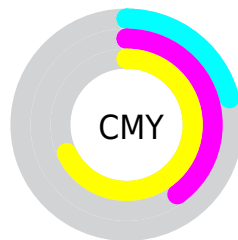
- Red (79%)
- Green (60%)
- Blue (32%)



- Red (62%)
- Yellow (79%)
- Blue (32%)



- Cyan (0%)
- Magenta (23%)
- Yellow (60%)
- Black (21%)




- Cyan (21%)
- Magenta (40%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1228, 0.4315, 0.4198 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 36.1228, 0.4315, 0.4198 by changing the saturation by 10% instead.

 36.1228, 0.4315,
0.4198


 36.1228, 0.4315,
0.4198


329.4970, 0.3715,
0.3764


 24.5291, 0.4457,
0.4291

 69.2216, 0.4100,
0.4050


 15.7265, 0.4631,
0.4396


 91.4954, 0.4018,
0.3991

 9.3309, 0.4841,
0.4509


 118.0980, 0.3948,
0.3940

 4.9576, 0.5199,
0.4708

 149.4138, 0.3888,
0.3895

 2.2224, 0.5359,
0.4641

 185.8272, 0.3836,
0.3856

 0.7322, 0.5591,
0.4409

227.7226, 0.3791,

 0.0000, 0.0000,

0.3822

0.0000

275.4844, 0.3750,
0.3791

■ 36.1228, 0.4315,
0.4198

■ 36.1228, 0.4315,
0.4198

■ 33.3524, 0.4542,
0.4300

■ 39.1564, 0.4085,
0.4065

■ 30.8285, 0.4754,
0.4361

■ 42.4582, 0.3861,
0.3914

■ 28.5400, 0.4940,
0.4371

■ 46.0395, 0.3650,
0.3754

■ 26.4657, 0.5095,
0.4334

■ 49.9091, 0.3456,
0.3593

■ 26.4090, 0.5100,
0.4333

■ 54.0754, 0.3280,
0.3436

■ 58.5463, 0.3123,
0.3286

■ 63.3293, 0.2983,
0.3146

■ 68.4317, 0.2859,
0.3015

■ 73.4088, 0.2788,
0.2965

Harmonies

Analogous

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



36.1228, 0.4504, 0.3706



36.1228, 0.4315, 0.4198



36.1228, 0.3810, 0.4525

Triad

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



36.1228, 0.4315, 0.4198



36.1228, 0.2087, 0.3237



36.1228, 0.2976, 0.2385

Complementary

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



36.1228, 0.4315, 0.4198



21.4005, 0.2137, 0.2112

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.



36.1228, 0.2384, 0.2233



36.1228, 0.4315, 0.4198



36.1228, 0.1919, 0.2638

Square

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



36.1228, 0.4315, 0.4198



36.1228, 0.2524, 0.3962



36.1228, 0.2022, 0.2306



36.1228, 0.3684, 0.2723

Rectangle

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



36.1228, 0.4315, 0.4198



36.1228, 0.3378, 0.4545



36.1228, 0.2022, 0.2306



36.1228, 0.2757, 0.2311

Sweetspot

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



36.1246, 0.4315, 0.4198



86.4509, 0.3429, 0.3569



19.8852, 0.4197, 0.2693



18.0698, 0.3484, 0.3617



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.



36.1246, 0.4315, 0.4198



55.6272, 0.4614, 0.4325



53.1914, 0.3861, 0.4736



11.6927, 0.3275, 0.3430



16.7857, 0.5083, 0.4346



0.9328, 0.4851, 0.4531

Inverse Universe

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



21.4005, 0.2137, 0.2112



28.3107, 0.1942, 0.1800



12.4253, 0.2065, 0.1426



10.9575, 0.2983, 0.3146



6.3086, 0.1682, 0.1255



0.4391, 0.1800, 0.1679

Previews

White Background



This preview shows how the Yxy color 36.1228, 0.4315, 0.4198 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 36.1228, 0.4315, 0.4198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

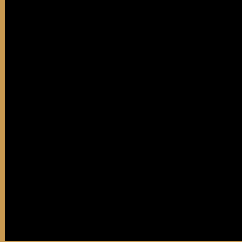
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1228, 0.4315, 0.4198

Background



This preview shows how black text looks on a background with the Yxy color 36.1228, 0.4315, 0.4198.



This preview shows how white text looks on a background with the Yxy color 36.1228, 0.4315, 0.4198.

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

36.1228, 0.4315, 0.4198

Protanopia

36.0645, 0.4000, 0.4357

Deuteranopia

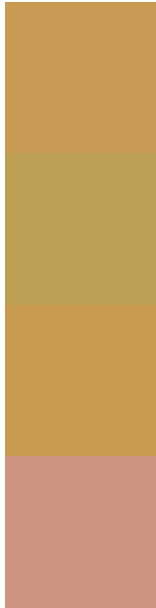
36.3161, 0.4296, 0.4214



Tritanopia

35.9505, 0.3663, 0.3139

Trichromacy



Original Color

36.1228, 0.4315, 0.4198

Protanomaly

35.9856, 0.4114, 0.4297

Deuteranomaly

36.3161, 0.4296, 0.4214

Tritanomaly

35.7439, 0.3932, 0.3537

Monochromacy



Original Color

36.1228, 0.4315, 0.4198

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.2064, 0.3554, 0.3679

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1228, 0.4315, 0.4198 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(201, 154, 81)` looks like.

```
.text, #text, p{  
    color:rgb(201, 154, 81)  
}
```

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(201, 154, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 154, 81) }
```

Border

The CSS property to change the border of an element to Yxy 36.1228, 0.4315, 0.4198 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(201, 154, 81) }
```

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

```
.border{ border-color:rgb(201, 154, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 154, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 154, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 154, 81);  
box-shadow:4px 4px 4px 4px rgb(201, 154,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1228, 0.4315, 0.4198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 154, 81) }
```

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

```
.background{ background-color: rgb(201,  
154, 81) }
```

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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