

Converting Colors

Yxy(36.6320, 0.4430, 0.4365)

Have a look what the booklet for
Yxy(36.6320, 0.4430, 0.4365)
contains.

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Color

Yxy(36.7151, 0.4426, 0.4369)

Conversions

Conversions Part 1

Format	Color
Hex	CA9C41
RGB	202, 156, 65
RGB Percent	79%, 61%, 25%
CMY	0.2080, 0.3882, 0.7451
CMYK	0.00, 0.23, 0.68, 0.21
HSL	40°, 56%, 52%
HSV	40°, 68%, 79%
XYZ	37.1941, 36.7151, 10.1263
YIQ	159.3800, 56.6270, -18.5490

Conversions

Conversions Part 2

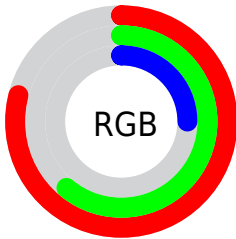
Format	Color
RYB	134, 202, 65
Decimal	13278273
CIELab	67.06, 7.69, 52.60
CIElCh	67, 53.157, 81.681
Yxy	36.7151, 0.4426, 0.4369
Android (android.graphics.Color)	4291468353 (0xFFCA9C41)
YUV	159.3800, -46.5293, 37.3777
Hunter-Lab	60.5930, 3.5318, 32.5066

Details

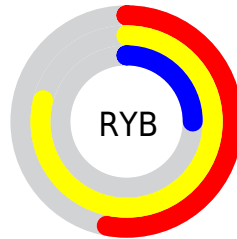
The Yxy color **36.7151, 0.4426, 0.4369** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **16.7448, 0.1983, 0.1793**, and the grayscale version is **35.0521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6375, 0.4150, 0.4220**, and **16.0456, 0.4735, 0.4581** is the 20% darker color. If you saturate the color by 10%, you get **34.3118, 0.4617, 0.4449**, and if you desaturate by 10%, it is **39.3326, 0.4220, 0.4250**.

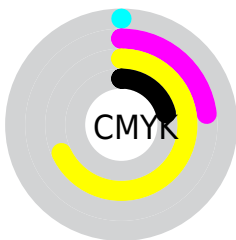
Distribution



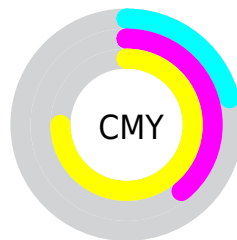
- Red (79%)
- Green (61%)
- Blue (25%)



- Red (53%)
- Yellow (79%)
- Blue (25%)



- Cyan (0%)
- Magenta (23%)
- Yellow (68%)
- Black (21%)





- Cyan (21%)
- Magenta (39%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7151, 0.4426, 0.4369 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 36.7151, 0.4426, 0.4369 by changing the saturation by 10% instead.

 36.7151, 0.4426,
0.4369


 36.7151, 0.4426,
0.4369


332.0754, 0.3786,
0.3863

 24.9870, 0.4568,
0.4470


 70.1344, 0.4204,
0.4201


 16.0674, 0.4734,
0.4580


 92.5944, 0.4116,
0.4132


 9.5718, 0.4923,
0.4690


 119.4004, 0.4041,
0.4072

 5.1160, 0.5177,
0.4823

 150.9369, 0.3976,
0.4020

 2.3155, 0.5267,
0.4733

 187.5882, 0.3920,
0.3973

 0.7819, 0.5443,
0.4557

229.7388, 0.3870,

 0.0000, 0.0000,

0.3932

0.0000

277.7731, 0.3826,
0.3896

■ 36.7151, 0.4426,
0.4369

■ 36.7151, 0.4426,
0.4369

■ 34.3118, 0.4617,
0.4449

■ 39.3326, 0.4220,
0.4250

■ 32.1057, 0.4782,
0.4480

■ 42.1688, 0.4008,
0.4101

■ 30.0830, 0.4916,
0.4463

■ 45.2347, 0.3800,
0.3935

■ 29.6613, 0.4944,
0.4457

■ 48.5384, 0.3602,
0.3761

■ 52.0877, 0.3417,
0.3587

■ 55.8899, 0.3248,
0.3417

■ 59.9519, 0.3095,
0.3256

■ 64.2801, 0.2958,
0.3104

■ 68.8807, 0.2836,
0.2964

Harmonies

Analogous

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



36.7151, 0.4715, 0.3809



36.7151, 0.4426, 0.4369



36.7151, 0.3806, 0.4743

Triad

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



36.7151, 0.4426, 0.4369



36.7151, 0.1897, 0.3115



36.7151, 0.3041, 0.2299

Complementary

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



36.7151, 0.4426, 0.4369



16.7448, 0.1983, 0.1793

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.



36.7151, 0.2342, 0.2099



36.7151, 0.4426, 0.4369



36.7151, 0.1754, 0.2466

Square

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



36.7151, 0.4426, 0.4369



36.7151, 0.2348, 0.3980



36.7151, 0.1905, 0.2140



36.7151, 0.3867, 0.2697

Rectangle

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



36.7151, 0.4426, 0.4369



36.7151, 0.3303, 0.4746



36.7151, 0.1905, 0.2140



36.7151, 0.2783, 0.2208

Sweetspot

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



36.7169, 0.4426, 0.4369



86.7044, 0.3461, 0.3629



17.5236, 0.4552, 0.2730



18.1888, 0.3513, 0.3679



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.



36.7169, 0.4426, 0.4369



56.4699, 0.4691, 0.4469



52.4850, 0.3865, 0.4920



12.4379, 0.3274, 0.3444



19.2624, 0.4931, 0.4467



1.1301, 0.4752, 0.4609

Inverse Universe

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



16.7448, 0.1983, 0.1793



20.7568, 0.1790, 0.1444



9.9998, 0.1963, 0.1201



11.4488, 0.2983, 0.3132



5.5346, 0.1639, 0.1099



0.4252, 0.1751, 0.1501

Previews

White Background



This preview shows how the Yxy color 36.7151, 0.4426, 0.4369 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 36.7151, 0.4426, 0.4369 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 36.7151, 0.4426, 0.4369

Background



This preview shows how black text looks on a background with the Yxy color 36.7151, 0.4426, 0.4369.



This preview shows how white text looks on a background with the Yxy color 36.7151, 0.4426, 0.4369.

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

36.7151, 0.4426, 0.4369

Protanopia

36.9013, 0.4138, 0.4548

Deuteranopia

36.5209, 0.4446, 0.4352



Tritanopia

36.5817, 0.3670, 0.3141

Trichromacy



Original Color

36.7151, 0.4426, 0.4369

Protanomaly

36.7019, 0.4243, 0.4485

Deuteranomaly

36.5209, 0.4446, 0.4352

Tritanomaly

36.3897, 0.3985, 0.3625

Monochromacy



Original Color

36.7151, 0.4426, 0.4369

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.0483, 0.3612, 0.3767

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7151, 0.4426, 0.4369 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(202, 156, 65)` looks like.

```
.text, #text, p{  
    color:rgb(202, 156, 65)  
}
```

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(202, 156, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 156, 65) }
```

Border

The CSS property to change the border of an element to Yxy 36.7151, 0.4426, 0.4369 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(202, 156, 65) }
```

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

```
.border{ border-color:rgb(202, 156, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 156, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 156, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 156, 65);  
box-shadow:4px 4px 4px 4px rgb(202, 156,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7151, 0.4426, 0.4369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 156, 65) }
```

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

```
.background{ background-color: rgb(202,  
156, 65) }
```

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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