

Converting Colors

$Y_{xy}(36.6320, 0.4358, 0.3825)$

Have a look what the booklet for
Yxy(36.6320, 0.4358, 0.3825)
contains.

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Color

Yxy(36.7322, 0.4351, 0.3829)

Conversions

Conversions Part 1

Format	Color
Hex	DA9366
RGB	218, 147, 102
RGB Percent	85%, 58%, 40%
CMY	0.1452, 0.4235, 0.6000
CMYK	0.00, 0.33, 0.53, 0.15
HSL	23°, 61%, 63%
HSV	23°, 53%, 85%
XYZ	41.7398, 36.7322, 17.4595
YIQ	163.0990, 56.7610, 1.0570

Conversions

Conversions Part 2

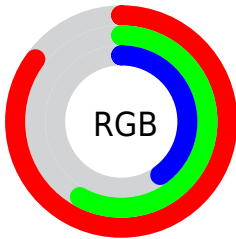
Format	Color
R _Y B	218, 176, 102
Decimal	14324582
CIE Lab	67.08, 21.97, 34.58
CIE LCh	67, 40.965, 57.574
Yxy	36.7322, 0.4351, 0.3829
Android (android.graphics.Color)	4292514662 (0xFFDA9366)
YUV	163.0990, -30.1218, 48.1482
Hunter-Lab	60.6071, 16.8697, 25.3448

Details

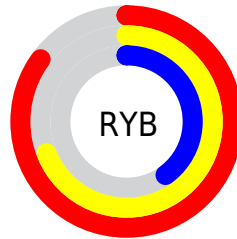
The Yxy color **36.7322, 0.4351, 0.3829** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.7550, 0.2318, 0.2646**, and the grayscale version is **36.8009, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.3664, 0.3930, 0.3780**, and **16.1057, 0.4715, 0.3925** is the 20% darker color. If you saturate the color by 10%, you get **32.4463, 0.4672, 0.3903**, and if you desaturate by 10%, it is **41.6163, 0.4053, 0.3735**.

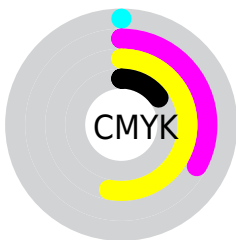
Distribution



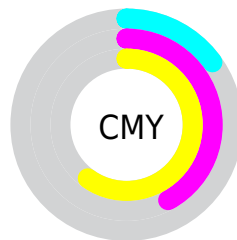
- Red (85%)
- Green (58%)
- Blue (40%)



- Red (85%)
- Yellow (69%)
- Blue (40%)



- Cyan (0%)
- Magenta (33%)
- Yellow (53%)
- Black (15%)




- Cyan (15%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.7322, 0.4351, 0.3829 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 36.7322, 0.4351, 0.3829 by changing the saturation by 10% instead.

 36.7322, 0.4351,
0.3829


 36.7322, 0.4351,
0.3829


332.1496, 0.3717,
0.3585

 25.0002, 0.4511,
0.3877


 70.1607, 0.4118,
0.3749


 16.0772, 0.4714,
0.3929


 92.6260, 0.4031,
0.3716

 9.5788, 0.4978,
0.3978


 119.4379, 0.3958,
0.3687

 5.1206, 0.5329,
0.4009

 150.9808, 0.3896,
0.3662

 2.3182, 0.5937,
0.4063

187.6390, 0.3842,
0.3639

 0.7833, 0.6348,
0.3652

229.7969, 0.3795,

 0.0000, 1.0000,

0.3619

0.0000

277.8390, 0.3754,
0.3601

■ 0.0000, 0.0000,
0.0000

■ 36.7322, 0.4351,
0.3829

■ 36.7322, 0.4351,
0.3829

■ 32.4463, 0.4672,
0.3903

■ 41.6163, 0.4053,
0.3735

■ 28.7276, 0.5002,
0.3944

■ 47.1169, 0.3786,
0.3630

■ 25.5502, 0.5317,
0.3938

■ 53.2580, 0.3552,
0.3524

■ 22.8831, 0.5590,
0.3880

■ 60.0606, 0.3350,
0.3419

■ 21.3380, 0.5748,
0.3818

■ 67.5447, 0.3177,
0.3320

■ 75.7295, 0.3029,
0.3228

■ 84.6333, 0.2903,
0.3143

■ 92.8192, 0.2905,
0.3276

■ 93.6416, 0.2906,
0.3289

Harmonies

Analogous

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



36.7322, 0.4260, 0.3355



36.7322, 0.4351, 0.3829



36.7322, 0.4084, 0.4235

Triad

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



36.7322, 0.4351, 0.3829



36.7322, 0.2437, 0.3690



36.7322, 0.2608, 0.2351

Complementary

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



36.7322, 0.4351, 0.3829



37.7550, 0.2318, 0.2646

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.



36.7322, 0.2204, 0.2352



36.7322, 0.4351, 0.3829



36.7322, 0.2109, 0.3057

Square

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



36.7322, 0.4351, 0.3829



36.7322, 0.2968, 0.4234



36.7322, 0.2032, 0.2585



36.7322, 0.3194, 0.2549

Rectangle

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



36.7322, 0.4351, 0.3829



36.7322, 0.3761, 0.4397



36.7322, 0.2032, 0.2585



36.7322, 0.2449, 0.2327

Sweetspot

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



36.7340, 0.4351, 0.3829



82.7400, 0.3406, 0.3449



27.4411, 0.3696, 0.2459



17.2740, 0.3448, 0.3471



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.



36.7340, 0.4351, 0.3829



45.5225, 0.4717, 0.3911



59.2581, 0.3971, 0.4440



13.8763, 0.3282, 0.3381



12.9813, 0.5722, 0.3839



1.0052, 0.5419, 0.4079

Inverse Universe

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



37.7550, 0.2318, 0.2646



47.0300, 0.2172, 0.2478



20.2677, 0.2142, 0.1785



13.9366, 0.2982, 0.3197



13.3590, 0.1881, 0.1972



1.0309, 0.1947, 0.2210

Previews

White Background



This preview shows how the Yxy color 36.7322, 0.4351, 0.3829 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 36.7322, 0.4351, 0.3829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

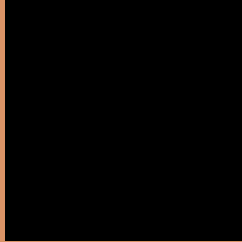
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7322, 0.4351, 0.3829

Background



This preview shows how black text looks on a background with the Yxy color 36.7322, 0.4351, 0.3829.



This preview shows how white text looks on a background with the Yxy color 36.7322, 0.4351, 0.3829.

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

36.7322, 0.4351, 0.3829

Protanopia

37.0986, 0.3775, 0.4078

Deuteranopia

36.7028, 0.4103, 0.4018



Tritanopia

36.8137, 0.3898, 0.3172

Trichromacy



Original Color

36.7322, 0.4351, 0.3829

Protanomaly

36.8318, 0.3982, 0.3984

Deuteranomaly

36.7012, 0.4186, 0.3948

Tritanomaly

36.7105, 0.4080, 0.3413

Monochromacy



Original Color

36.7322, 0.4351, 0.3829

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.1043, 0.3542, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7322, 0.4351, 0.3829 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(218, 147, 102)` looks like.

```
.text, #text, p{  
    color:rgb(218, 147, 102)  
}
```

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(218, 147, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 147, 102) }
```

Border

The CSS property to change the border of an element to Yxy 36.7322, 0.4351, 0.3829 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(218, 147, 102) }
```

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

```
.border{ border-color:rgb(218, 147, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 147, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 147, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 147, 102);  
box-shadow:4px 4px 4px 4px rgb(218, 147,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7322, 0.4351, 0.3829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 147, 102) }
```

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

```
.background{ background-color: rgb(218,  
147, 102) }
```

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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