

Converting Colors

$Y_{xy}(36.9030, 0.4355, 0.4003)$

Have a look what the booklet for
Yxy(36.9030, 0.4355, 0.4003)
contains.

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Color

Yxy(36.9030, 0.4355, 0.4003)

Conversions

Conversions Part 1

Format	Color
Hex	D4975C
RGB	212, 151, 92
RGB Percent	83%, 59%, 36%
CMY	0.1687, 0.4078, 0.6391
CMYK	0.00, 0.29, 0.57, 0.17
HSL	30°, 58%, 60%
HSV	30°, 57%, 83%
XYZ	40.1480, 36.9030, 15.1373
YIQ	162.5130, 55.2950, -5.4170

Conversions

Conversions Part 2

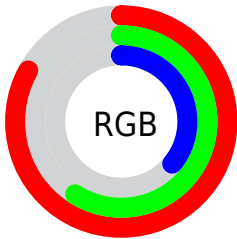
Format	Color
R _Y B	212, 208, 92
Decimal	13932380
CIE Lab	67.20, 16.52, 39.85
CIE LCh	67, 43.135, 67.485
Yxy	36.9030, 0.4355, 0.4003
Android (android.graphics.Color)	4292122460 (0xFFD4975C)
YUV	162.5130, -34.7629, 43.4001
Hunter-Lab	60.7478, 11.6613, 27.7494

Details

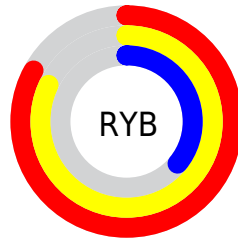
The Yxy color **36.9030, 0.4355, 0.4003** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **29.8125, 0.2232, 0.2403**, and the grayscale version is **36.5334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9058, 0.3996, 0.3930**, and **16.1662, 0.4697, 0.4141** is the 20% darker color. If you saturate the color by 10%, you get **33.2728, 0.4634, 0.4091**, and if you desaturate by 10%, it is **40.9577, 0.4086, 0.3889**.

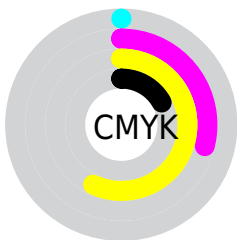
Distribution



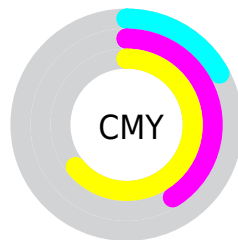
- Red (83%)
- Green (59%)
- Blue (36%)



- Red (83%)
- Yellow (82%)
- Blue (36%)



- Cyan (0%)
- Magenta (29%)
- Yellow (57%)
- Black (17%)





- Cyan (17%)
- Magenta (41%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.9030, 0.4355, 0.4003 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 36.9030, 0.4355, 0.4003 by changing the saturation by 10% instead.


 36.9030, 0.4355,
0.4003

 36.9030, 0.4355,
0.4003


332.8904, 0.3727,
0.3672


 25.1324, 0.4509,
0.4071


 70.4236, 0.4127,
0.3892


 16.1757, 0.4702,
0.4146


 92.9423, 0.4041,
0.3847

 9.6486, 0.4945,
0.4223


 119.8126, 0.3968,
0.3808

 5.1666, 0.5282,
0.4307

 151.4188, 0.3906,
0.3774

 2.3453, 0.5688,
0.4312

188.1452, 0.3852,
0.3744

 0.7975, 0.6014,
0.3986

230.3764, 0.3805,

 0.0000, 1.0000,

0.3717

0.0000

278.4966, 0.3763,
0.3693

0.0000, 0.0000,
0.0000

36.9030, 0.4355,
0.4003

36.9030, 0.4355,
0.4003

33.2728, 0.4634,
0.4091

40.9577, 0.4086,
0.3889

30.0441, 0.4909,
0.4140

45.4472, 0.3835,
0.3761

27.1997, 0.5162,
0.4139

50.3885, 0.3609,
0.3628

24.7169, 0.5377,
0.4084

55.7956, 0.3408,
0.3496

23.9430, 0.5445,
0.4059

61.6819, 0.3231,
0.3370

■ 68.0601, 0.3077,
0.3250

■ 74.9423, 0.2943,
0.3139

■ 81.9071, 0.2863,
0.3104

■ 88.3430, 0.2868,
0.3217

Harmonies

Analogous

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



36.9030, 0.4394, 0.3517



36.9030, 0.4355, 0.4003



36.9030, 0.3971, 0.4380

Triad

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



36.9030, 0.4355, 0.4003



36.9030, 0.2262, 0.3483



36.9030, 0.2768, 0.2356

Complementary

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



36.9030, 0.4355, 0.4003



29.8125, 0.2232, 0.2403

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.



36.9030, 0.2275, 0.2284



36.9030, 0.4355, 0.4003



36.9030, 0.2006, 0.2852

Square

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



36.9030, 0.4355, 0.4003



36.9030, 0.2756, 0.4129



36.9030, 0.2014, 0.2441



36.9030, 0.3419, 0.2622

Rectangle

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



36.9030, 0.4355, 0.4003



36.9030, 0.3591, 0.4484



36.9030, 0.2014, 0.2441



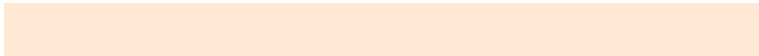
36.9030, 0.2581, 0.2309

Sweetspot

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



36.9048, 0.4355, 0.4003



84.2539, 0.3419, 0.3504



23.9870, 0.3913, 0.2550



17.6663, 0.3458, 0.3531



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.



36.9048, 0.4355, 0.4003



49.4494, 0.4694, 0.4105



60.8558, 0.3946, 0.4606



13.4190, 0.3279, 0.3405



14.9828, 0.5423, 0.4076



1.0692, 0.5155, 0.4289

Inverse Universe

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



29.8125, 0.2232, 0.2403



37.6479, 0.2065, 0.2170



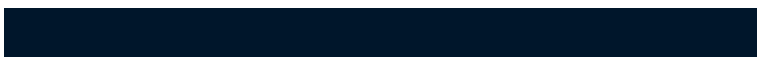
15.0390, 0.2041, 0.1512



13.0418, 0.2982, 0.3172



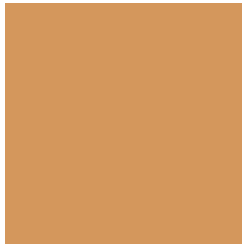
9.7256, 0.1782, 0.1615



0.7522, 0.1868, 0.1925

Previews

White Background



This preview shows how the Yxy color 36.9030, 0.4355, 0.4003 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 36.9030, 0.4355, 0.4003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

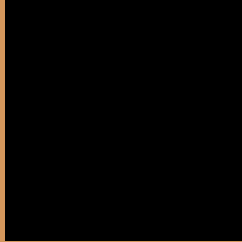
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9030, 0.4355, 0.4003

Background



This preview shows how black text looks on a background with the Yxy color 36.9030, 0.4355, 0.4003.



This preview shows how white text looks on a background with the Yxy color 36.9030, 0.4355, 0.4003.

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

36.9030, 0.4355, 0.4003

Protanopia

37.1173, 0.3891, 0.4216

Deuteranopia

36.8116, 0.4204, 0.4116



Tritanopia

37.0313, 0.3802, 0.3170

Trichromacy



Original Color

36.9030, 0.4355, 0.4003

Protanomaly

36.8290, 0.4065, 0.4135

Deuteranomaly

36.7039, 0.4260, 0.4078

Tritanomaly

36.9532, 0.4020, 0.3490

Monochromacy



Original Color

36.9030, 0.4355, 0.4003

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.4262, 0.3554, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9030, 0.4355, 0.4003 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(212, 151, 92)` looks like.

```
.text, #text, p{  
    color:rgb(212, 151, 92)  
}
```

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(212, 151, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 151, 92) }
```

Border

The CSS property to change the border of an element to Yxy 36.9030, 0.4355, 0.4003 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(212, 151, 92) }
```

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

```
.border{ border-color:rgb(212, 151, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 151, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 151, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 151, 92);  
box-shadow:4px 4px 4px 4px rgb(212, 151,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9030, 0.4355, 0.4003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 151, 92) }
```

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

```
.background{ background-color: rgb(212,  
151, 92) }
```

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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