

Converting Colors

$Yxy(36.0968, 0.4285, 0.3803)$

Have a look what the booklet for
Yxy(36.0968, 0.4285, 0.3803)
contains.

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Color

Yxy(36.1835, 0.4281, 0.3805)

Conversions

Conversions Part 1

Format	Color
Hex	D69369
RGB	214, 147, 105
RGB Percent	84%, 58%, 41%
CMY	0.1609, 0.4235, 0.5883
CMYK	0.00, 0.31, 0.51, 0.16
HSL	23°, 57%, 63%
HSV	23°, 51%, 84%
XYZ	40.7100, 36.1835, 18.2011
YIQ	162.2450, 53.4140, 1.1420

Conversions

Conversions Part 2

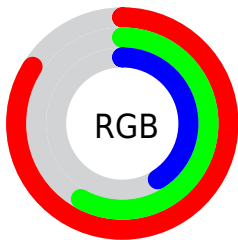
Format	Color
R _Y B	214, 173, 105
Decimal	14062441
CIE Lab	66.66, 20.61, 32.34
CIE LCh	67, 38.350, 57.500
Yxy	36.1835, 0.4281, 0.3805
Android (android.graphics.Color)	4292252521 (0xFFD69369)
YUV	162.2450, -28.2218, 45.3891
Hunter-Lab	60.1527, 15.5375, 24.1668

Details

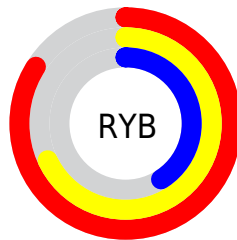
The Yxy color **36.1835, 0.4281, 0.3805** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.3447, 0.2350, 0.2684**, and the grayscale version is **36.3689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4676, 0.3906, 0.3749**, and **15.7291, 0.4625, 0.3904** is the 20% darker color. If you saturate the color by 10%, you get **31.9408, 0.4599, 0.3884**, and if you desaturate by 10%, it is **41.0078, 0.3989, 0.3708**.

Distribution



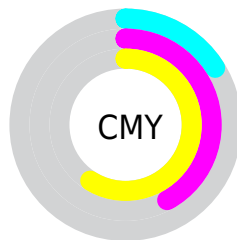
- Red (84%)
- Green (58%)
- Blue (41%)



- Red (84%)
- Yellow (68%)
- Blue (41%)



- Cyan (0%)
- Magenta (31%)
- Yellow (51%)
- Black (16%)





- Cyan (16%)
- Magenta (42%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1835, 0.4281, 0.3805 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 36.1835, 0.4281, 0.3805 by changing the saturation by 10% instead.


 36.1835, 0.4281,
0.3805


 36.1835, 0.4281,
0.3805


329.7619, 0.3681,
0.3568

 24.5760, 0.4434,
0.3853


 69.3152, 0.4060,
0.3726

 15.7614, 0.4630,
0.3907


 91.6081, 0.3977,
0.3694

 9.3555, 0.4887,
0.3962


 118.2317, 0.3908,
0.3666

 4.9738, 0.5231,
0.4002

 149.5702, 0.3849,
0.3641

 2.2319, 0.5888,
0.4112

186.0080, 0.3798,
0.3620

 0.7373, 0.6305,
0.3695

227.9297, 0.3754,


 0.0000, 1.0000,


0.3601

0.0000

275.7195, 0.3715,
0.3583


 0.0000, 0.0000,
0.0000


 36.1835, 0.4281,
0.3805


 36.1835, 0.4281,
0.3805

 31.9408, 0.4599,
0.3884


 41.0078, 0.3989,
0.3708


 28.2502, 0.4929,
0.3933


 46.4308, 0.3730,
0.3604


 25.0874, 0.5251,
0.3939

 52.4755, 0.3503,
0.3498

 22.4231, 0.5537,
0.3893

 59.1620, 0.3308,
0.3395

 20.4042, 0.5753,
0.3814

 66.5093, 0.3141,
0.3299

■ 74.5357, 0.2999,
0.3209

■ 83.2586, 0.2877,
0.3126

■ 91.2550, 0.2882,
0.3261

■ 93.0328, 0.2883,
0.3289

Harmonies

Analogous

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



36.1835, 0.4192, 0.3355



36.1835, 0.4281, 0.3805



36.1835, 0.4034, 0.4185

Triad

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



36.1835, 0.4281, 0.3805



36.1835, 0.2478, 0.3668



36.1835, 0.2637, 0.2399

Complementary

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



36.1835, 0.4281, 0.3805



37.3447, 0.2350, 0.2684

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.



36.1835, 0.2252, 0.2403



36.1835, 0.4281, 0.3805



36.1835, 0.2164, 0.3076

Square

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



36.1835, 0.4281, 0.3805



36.1835, 0.2982, 0.4174



36.1835, 0.2089, 0.2627



36.1835, 0.3191, 0.2587

Rectangle

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



36.1835, 0.4281, 0.3805



36.1835, 0.3730, 0.4332



36.1835, 0.2089, 0.2627



36.1835, 0.2486, 0.2377

Sweetspot

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



36.1853, 0.4281, 0.3805



83.6882, 0.3387, 0.3438



27.3810, 0.3661, 0.2491



17.4607, 0.3429, 0.3460



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.



36.1853, 0.4281, 0.3805



47.1133, 0.4621, 0.3889



57.2086, 0.3936, 0.4396



13.1981, 0.3281, 0.3380



12.5232, 0.5727, 0.3835



0.9133, 0.5405, 0.4090

Inverse Universe

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



37.3447, 0.2350, 0.2684



48.9380, 0.2210, 0.2529



20.7452, 0.2189, 0.1861



13.2662, 0.2982, 0.3198



13.0321, 0.1884, 0.1983



0.9442, 0.1954, 0.2233

Previews

White Background



This preview shows how the Yxy color 36.1835, 0.4281, 0.3805 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 36.1835, 0.4281, 0.3805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

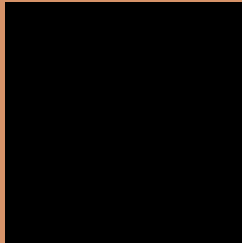
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1835, 0.4281, 0.3805

Background



This preview shows how black text looks on a background with the Yxy color 36.1835, 0.4281, 0.3805.



This preview shows how white text looks on a background with the Yxy color 36.1835, 0.4281, 0.3805.

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

36.1835, 0.4281, 0.3805

Protanopia

36.2185, 0.3737, 0.4017

Deuteranopia

36.1577, 0.4061, 0.3975



Tritanopia

36.2222, 0.3845, 0.3158

Trichromacy



Original Color

36.1835, 0.4281, 0.3805

Protanomaly

36.1652, 0.3929, 0.3941

Deuteranomaly

36.1525, 0.4144, 0.3906

Tritanomaly

36.1459, 0.4016, 0.3391

Monochromacy



Original Color

36.1835, 0.4281, 0.3805

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.8608, 0.3521, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1835, 0.4281, 0.3805 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(214, 147, 105)` looks like.

```
.text, #text, p{  
    color:rgb(214, 147, 105)  
}
```

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(214, 147, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 147, 105) }
```

Border

The CSS property to change the border of an element to Yxy 36.1835, 0.4281, 0.3805 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(214, 147, 105) }
```

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

```
.border{ border-color:rgb(214, 147, 105) }
```

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

Here you see how a box with a 4 pixel rgb(214, 147, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 147, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 147, 105);  
box-shadow:4px 4px 4px 4px rgb(214, 147,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1835, 0.4281, 0.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 147, 105) }
```

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

```
.background{ background-color: rgb(214,  
147, 105) }
```

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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