

Converting Colors

$Yxy(36.5637, 0.4052, 0.3962)$

Have a look what the booklet for
Yxy(36.5637, 0.4052, 0.3962)
contains.

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Color

Yxy(36.6672, 0.4046, 0.3960)

Conversions

Conversions Part 1

Format	Color
Hex	C59C69
RGB	197, 156, 105
RGB Percent	77%, 61%, 41%
CMY	0.2275, 0.3882, 0.5883
CMYK	0.00, 0.21, 0.47, 0.23
HSL	33°, 44%, 59%
HSV	33°, 47%, 77%
XYZ	37.4635, 36.6672, 18.4632
YIQ	162.4450, 40.8070, -7.1690

Conversions

Conversions Part 2

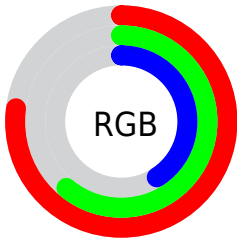
Format	Color
RYB	179, 197, 105
Decimal	12950633
CIELab	67.03, 8.73, 32.45
CIElCh	67, 33.603, 74.946
Yxy	36.6672, 0.4046, 0.3960
Android (android.graphics.Color)	4291140713 (0xFFC59C69)
YUV	162.4450, -28.3204, 30.3047
Hunter-Lab	60.5534, 4.4667, 24.3094

Details

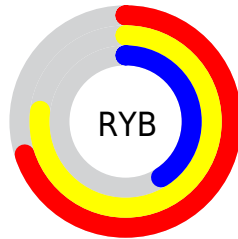
The Yxy color **36.6672, 0.4046, 0.3960** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.5848, 0.2368, 0.2496**, and the grayscale version is **36.4725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7875, 0.3870, 0.3838**, and **16.0613, 0.4310, 0.4126** is the 20% darker color. If you saturate the color by 10%, you get **33.4697, 0.4293, 0.4088**, and if you desaturate by 10%, it is **40.1749, 0.3813, 0.3818**.

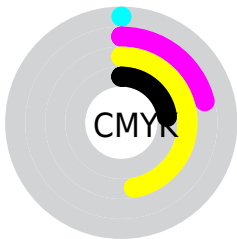
Distribution



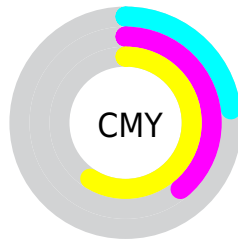
- Red (77%)
- Green (61%)
- Blue (41%)



- Red (70%)
- Yellow (77%)
- Blue (41%)



- Cyan (0%)
- Magenta (21%)
- Yellow (47%)
- Black (23%)





- Cyan (23%)
- Magenta (39%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6672, 0.4046, 0.3960 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 36.6672, 0.4046, 0.3960 by changing the saturation by 10% instead.


 36.6672, 0.4046,
0.3960


 36.6672, 0.4046,
0.3960


331.8674, 0.3573,
0.3630


 24.9499, 0.4165,
0.4037


 70.0606, 0.3872,
0.3843


 16.0398, 0.4317,
0.4131


 92.5056, 0.3807,
0.3798

 9.5523, 0.4515,
0.4245


 119.2952, 0.3753,
0.3760

 5.1031, 0.4775,
0.4376

 150.8139, 0.3706,
0.3726

 2.3079, 0.5319,
0.4681

187.4461, 0.3666,
0.3698

 0.7779, 0.5517,
0.4483

229.5762, 0.3631,

 0.0000, 0.0000,

0.3672

0.0000

277.5885, 0.3600,
0.3650

■ 36.6672, 0.4046,
0.3960

■ 36.6672, 0.4046,
0.3960

■ 33.4697, 0.4293,
0.4088

■ 40.1749, 0.3813,
0.3818

■ 30.5661, 0.4544,
0.4189

■ 43.9978, 0.3598,
0.3670

■ 27.9460, 0.4787,
0.4253

■ 48.1473, 0.3404,
0.3523

■ 25.5962, 0.5008,
0.4267

■ 52.6326, 0.3232,
0.3381

■ 23.5001, 0.5195,
0.4229

■ 57.4623, 0.3079,
0.3247

■ 22.8576, 0.5254,
0.4211

■ 62.6449, 0.2945,
0.3122

■ 68.1882, 0.2827,
0.3007

■ 73.6018, 0.2765,
0.2978

■ 78.5040, 0.2772,
0.3075

Harmonies

Analogous

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



36.6672, 0.4140, 0.3591



36.6672, 0.4046, 0.3960



36.6672, 0.3700, 0.4190

Triad

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



36.6672, 0.4046, 0.3960



36.6672, 0.2371, 0.3319



36.6672, 0.2971, 0.2578

Complementary

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



36.6672, 0.4046, 0.3960



27.5848, 0.2368, 0.2496

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.



36.6672, 0.2533, 0.2480



36.6672, 0.4046, 0.3960



36.6672, 0.2210, 0.2858

Square

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



36.6672, 0.4046, 0.3960



36.6672, 0.2732, 0.3822



36.6672, 0.2268, 0.2569



36.6672, 0.3490, 0.2830

Rectangle

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



36.6672, 0.4046, 0.3960



36.6672, 0.3385, 0.4204



36.6672, 0.2268, 0.2569



36.6672, 0.2810, 0.2526

Sweetspot

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



36.6689, 0.4046, 0.3960



88.1791, 0.3359, 0.3487



24.0580, 0.3801, 0.2746



18.5075, 0.3399, 0.3518



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.



36.6689, 0.4046, 0.3960



59.8624, 0.4296, 0.4090



52.2104, 0.3770, 0.4437



11.5958, 0.3276, 0.3418



15.2034, 0.5236, 0.4225



0.8628, 0.4962, 0.4442

Inverse Universe

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



27.5848, 0.2368, 0.2496



41.6575, 0.2206, 0.2283



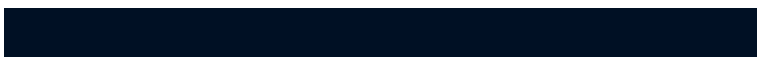
17.4199, 0.2289, 0.1854



11.0524, 0.2983, 0.3159



7.3782, 0.1727, 0.1417



0.4933, 0.1840, 0.1824

Previews

White Background



This preview shows how the Yxy color 36.6672, 0.4046, 0.3960 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 36.6672, 0.4046, 0.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

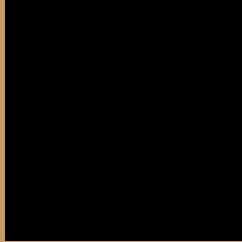
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6672, 0.4046, 0.3960

Background



This preview shows how black text looks on a background with the Yxy color 36.6672, 0.4046, 0.3960.



This preview shows how white text looks on a background with the Yxy color 36.6672, 0.4046, 0.3960.

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

36.6672, 0.4046, 0.3960

Protanopia

36.6242, 0.3769, 0.4068

Deuteranopia

36.6672, 0.4046, 0.3960



Tritanopia

36.5895, 0.3568, 0.3150

Trichromacy



Original Color

36.6672, 0.4046, 0.3960

Protanomaly

36.3935, 0.3868, 0.4022

Deuteranomaly

36.6672, 0.4046, 0.3960

Tritanomaly

36.6293, 0.3746, 0.3449

Monochromacy



Original Color

36.6672, 0.4046, 0.3960

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.1787, 0.3452, 0.3562

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6672, 0.4046, 0.3960 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(197, 156, 105)` looks like.

```
.text, #text, p{  
    color:rgb(197, 156, 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(197, 156, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 156, 105) }
```

Border

The CSS property to change the border of an element to Yxy 36.6672, 0.4046, 0.3960 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(197, 156, 105) }
```

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

```
.border{ border-color:rgb(197, 156, 105) }
```

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

Here you see how a box with a 4 pixel rgb(197, 156, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 156, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 156, 105);  
box-shadow:4px 4px 4px 4px rgb(197, 156,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6672, 0.4046, 0.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 156, 105) }
```

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

```
.background{ background-color: rgb(197,  
156, 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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