

Converting Colors

$Yxy(36.5239, 0.3841, 0.3667)$

Have a look what the booklet for
Yxy(36.5239, 0.3841, 0.3667)
contains.

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Color

Yxy(36.3533, 0.3840, 0.3665)

Conversions

Conversions Part 1

Format	Color
Hex	C49A7E
RGB	196, 154, 126
RGB Percent	77%, 60%, 49%
CMY	0.2313, 0.3961, 0.5059
CMYK	0.00, 0.21, 0.36, 0.23
HSL	24°, 37%, 63%
HSV	24°, 36%, 77%
XYZ	38.0891, 36.3533, 24.7480
YIQ	163.3660, 34.0200, 0.1960

Conversions

Conversions Part 2

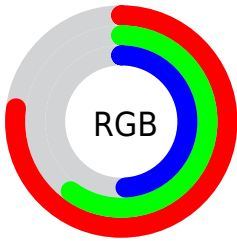
Format	Color
RYB	196, 173, 126
Decimal	12884606
CIELab	66.79, 11.78, 20.68
CIELCh	67, 23.804, 60.336
Yxy	36.3533, 0.3840, 0.3665
Android (android.graphics.Color)	4291074686 (0xFFC49A7E)
YUV	163.3660, -18.4214, 28.6200
Hunter-Lab	60.2937, 7.2492, 17.8695

Details

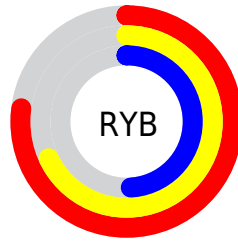
The Yxy color **36.3533, 0.3840, 0.3665** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.4331, 0.2574, 0.2879**, and the grayscale version is **36.8860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4373, 0.3703, 0.3593**, and **15.8990, 0.4064, 0.3762** is the 20% darker color. If you saturate the color by 10%, you get **32.2030, 0.4109, 0.3770**, and if you desaturate by 10%, it is **40.9867, 0.3602, 0.3556**.

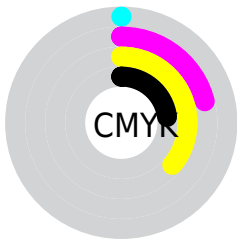
Distribution



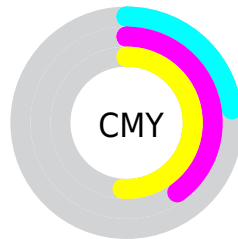
- Red (77%)
- Green (60%)
- Blue (49%)



- Red (77%)
- Yellow (68%)
- Blue (49%)



- Cyan (0%)
- Magenta (21%)
- Yellow (36%)
- Black (23%)





- Cyan (23%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3533, 0.3840, 0.3665 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 36.3533, 0.3840, 0.3665 by changing the saturation by 10% instead.


 36.3533, 0.3840,
0.3665

 36.3533, 0.3840,
0.3665


330.5021, 0.3467,
0.3480

 24.7072, 0.3938,
0.3709


 69.5770, 0.3701,
0.3599

 15.8590, 0.4066,
0.3764


 91.9234, 0.3650,
0.3574

 9.4245, 0.4240,
0.3834


 118.6054, 0.3607,
0.3552

 5.0191, 0.4488,
0.3921

150.0073, 0.3570,
0.3534

 2.2584, 0.4904,
0.4058

186.5135, 0.3539,
0.3518

 0.7516, 0.5739,
0.4261

228.5084, 0.3512,

 0.0000, 0.0000,

0.3503

0.0000

276.3765, 0.3488,
0.3491

■ 36.3533, 0.3840,
0.3665

■ 36.3533, 0.3840,
0.3665

■ 32.2030, 0.4109,
0.3770

■ 40.9867, 0.3602,
0.3556

■ 28.5140, 0.4407,
0.3864

■ 46.1138, 0.3395,
0.3449

■ 25.2702, 0.4725,
0.3934

■ 51.7513, 0.3217,
0.3346

■ 22.4523, 0.5045,
0.3968

■ 57.9137, 0.3065,
0.3250

■ 20.0393, 0.5346,
0.3955


■ 64.6146, 0.2934,
0.3161

 18.0074, 0.5603,
0.3890

 71.8672, 0.2821,
0.3079

 17.2414, 0.5704,
0.3853

 79.1440, 0.2768,
0.3089

 86.1551, 0.2778,
0.3216

 90.4776, 0.2784,
0.3289

Harmonies

Analogous

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



36.3533, 0.3798, 0.3378



36.3533, 0.3840, 0.3665



36.3533, 0.3681, 0.3877

Triad

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



36.3533, 0.3840, 0.3665



36.3533, 0.2697, 0.3491



36.3533, 0.2853, 0.2718

Complementary

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



36.3533, 0.3840, 0.3665



36.4331, 0.2574, 0.2879

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.



36.3533, 0.2585, 0.2717



36.3533, 0.3840, 0.3665



36.3533, 0.2499, 0.3141

Square

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



36.3533, 0.3840, 0.3665



36.3533, 0.3015, 0.3794



36.3533, 0.2460, 0.2862



36.3533, 0.3210, 0.2852

Rectangle

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



36.3533, 0.3840, 0.3665



36.3533, 0.3488, 0.3938



36.3533, 0.2460, 0.2862



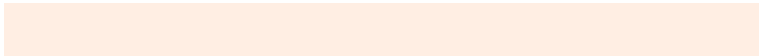
36.3533, 0.2750, 0.2701

Sweetspot

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



36.3550, 0.3840, 0.3665



88.0498, 0.3311, 0.3401



29.5309, 0.3454, 0.2727



18.5485, 0.3336, 0.3415



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.



36.3550, 0.3840, 0.3665



59.7960, 0.4052, 0.3749



49.1447, 0.3691, 0.4078



10.7242, 0.3279, 0.3383



11.2351, 0.5679, 0.3873



0.6203, 0.5272, 0.4196

Inverse Universe

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



36.4331, 0.2574, 0.2879



59.9352, 0.2454, 0.2769



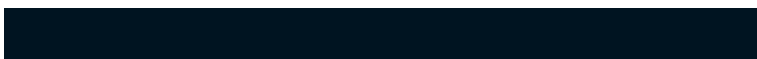
25.5190, 0.2502, 0.2355



10.7307, 0.2984, 0.3196



11.0009, 0.1872, 0.1939



0.6072, 0.1965, 0.2273

Previews

White Background



This preview shows how the Yxy color 36.3533, 0.3840, 0.3665 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 36.3533, 0.3840, 0.3665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

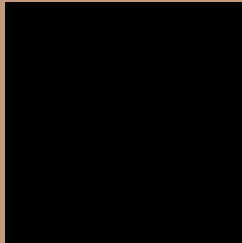
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3533, 0.3840, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 36.3533, 0.3840, 0.3665.



This preview shows how white text looks on a background with the Yxy color 36.3533, 0.3840, 0.3665.

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

36.3533, 0.3840, 0.3665

Protanopia

36.3366, 0.3529, 0.3752

Deuteranopia

36.3597, 0.3778, 0.3699



Tritanopia

36.3475, 0.3537, 0.3136

Trichromacy



Original Color

36.3533, 0.3840, 0.3665

Protanomaly

36.2050, 0.3632, 0.3713

Deuteranomaly

36.2865, 0.3804, 0.3683

Tritanomaly

36.4134, 0.3656, 0.3331

Monochromacy



Original Color

36.3533, 0.3840, 0.3665

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.4576, 0.3366, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3533, 0.3840, 0.3665 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(196, 154, 126)` looks like.

```
.text, #text, p{  
    color:rgb(196, 154, 126)  
}
```

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(196, 154, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 154, 126) }
```

Border

The CSS property to change the border of an element to Yxy 36.3533, 0.3840, 0.3665 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(196, 154, 126) }
```

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

```
.border{ border-color:rgb(196, 154, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 154, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 154, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 154, 126); box-shadow:4px 4px 4px 4px rgb(196, 154, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3533, 0.3840, 0.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 154, 126) }
```

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

```
.background{ background-color: rgb(196,  
154, 126) }
```

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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