

Converting Colors

$Y_{xy}(35.0600, 0.4137, 0.4067)$

Have a look what the booklet for
Yxy(35.0600, 0.4137, 0.4067)
contains.

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Color

Yxy(35.0600, 0.4137, 0.4067)

Conversions

Conversions Part 1

Format	Color
Hex	C2995E
RGB	194, 153, 94
RGB Percent	76%, 60%, 37%
CMY	0.2392, 0.4000, 0.6313
CMYK	0.00, 0.21, 0.52, 0.24
HSL	35°, 45%, 56%
HSV	35°, 52%, 76%
XYZ	35.6634, 35.0600, 15.4826
YIQ	158.5330, 43.3750, -9.6570

Conversions

Conversions Part 2

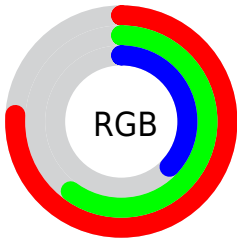
Format	Color
RYB	163, 194, 94
Decimal	12753246
CIELab	65.80, 8.07, 36.64
CIELCh	66, 37.514, 77.583
Yxy	35.0600, 0.4137, 0.4067
Android (android.graphics.Color)	4290943326 (0xFFC2995E)
YUV	158.5330, -31.8148, 31.1046
Hunter-Lab	59.2115, 3.8916, 25.9449

Details

The Yxy color **35.0600, 0.4137, 0.4067** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **23.6161, 0.2279, 0.2337**, and the grayscale version is **34.5819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3654, 0.3948, 0.3936**, and **15.1033, 0.4430, 0.4254** is the 20% darker color. If you saturate the color by 10%, you get **32.2370, 0.4374, 0.4191**, and if you desaturate by 10%, it is **38.1477, 0.3907, 0.3923**.

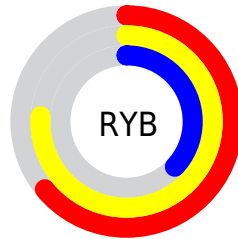
Distribution



Red (76%)

Green (60%)

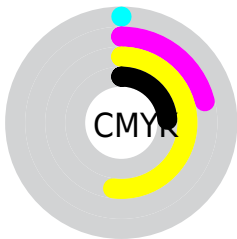
Blue (37%)



Red (64%)

Yellow (76%)

Blue (37%)

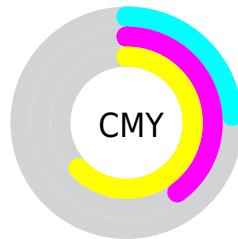


Cyan (0%)

Magenta (21%)

Yellow (52%)

Black (24%)



Cyan (24%)


Magenta (40%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0600, 0.4137, 0.4067 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 35.0600, 0.4137, 0.4067 by changing the saturation by 10% instead.


 35.0600, 0.4137,
0.4067


 35.0600, 0.4137,
0.4067


324.8331, 0.3617,
0.3684


 23.7091, 0.4266,
0.4155

 67.5787, 0.3947,
0.3932

 15.1180, 0.4429,
0.4261


 89.5153, 0.3876,
0.3880

 8.9022, 0.4636,
0.4385


 115.7492, 0.3816,
0.3835

 4.6775, 0.4925,
0.4543

 146.6649, 0.3764,
0.3796

 2.0593, 0.5302,
0.4698

182.6468, 0.3720,
0.3763

 0.6416, 0.5570,
0.4430

224.0792, 0.3681,

 0.0000, 0.0000,

0.3733

0.0000

271.3465, 0.3647,
0.3707

■ 35.0600, 0.4137,
0.4067

■ 35.0600, 0.4137,
0.4067

■ 32.2370, 0.4374,
0.4191

■ 38.1477, 0.3907,
0.3923

■ 29.6635, 0.4607,
0.4283

■ 41.5044, 0.3690,
0.3768

■ 27.3303, 0.4824,
0.4332

■ 45.1403, 0.3491,
0.3611

■ 25.2245, 0.5012,
0.4329

■ 49.0635, 0.3311,
0.3458

■ 23.6028, 0.5150,
0.4293

■ 53.2819, 0.3150,
0.3312

■ 57.8027, 0.3008,
0.3174

■ 62.6331, 0.2882,
0.3047

■ 67.7798, 0.2771,
0.2929

■ 72.3395, 0.2745,
0.2959

Harmonies

Analogous

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



35.0600, 0.4278, 0.3656



35.0600, 0.4137, 0.4067



35.0600, 0.3723, 0.4321

Triad

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



35.0600, 0.4137, 0.4067



35.0600, 0.2252, 0.3265



35.0600, 0.2997, 0.2513

Complementary

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



35.0600, 0.4137, 0.4067



23.6161, 0.2279, 0.2337

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.



35.0600, 0.2494, 0.2387



35.0600, 0.4137, 0.4067



35.0600, 0.2097, 0.2759

Square

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



35.0600, 0.4137, 0.4067



35.0600, 0.2634, 0.3852



35.0600, 0.2182, 0.2461



35.0600, 0.3586, 0.2805

Rectangle

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



35.0600, 0.4137, 0.4067



35.0600, 0.3361, 0.4325



35.0600, 0.2182, 0.2461



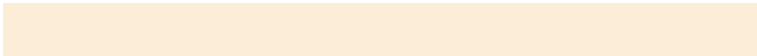
35.0600, 0.2813, 0.2451

Sweetspot

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



35.0617, 0.4137, 0.4067



86.1844, 0.3375, 0.3514



21.2497, 0.3954, 0.2739



18.5383, 0.3414, 0.3547



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.



35.0617, 0.4137, 0.4067



57.6940, 0.4408, 0.4207



49.7980, 0.3796, 0.4556



11.0430, 0.3275, 0.3426



15.6802, 0.5134, 0.4306



0.8104, 0.4871, 0.4515

Inverse Universe

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



23.6161, 0.2279, 0.2337



34.7288, 0.2098, 0.2078



14.7511, 0.2217, 0.1698



10.4114, 0.2984, 0.3151



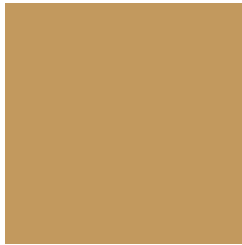
6.4456, 0.1698, 0.1311



0.4140, 0.1823, 0.1762

Previews

White Background



This preview shows how the Yxy color 35.0600, 0.4137, 0.4067 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 35.0600, 0.4137, 0.4067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

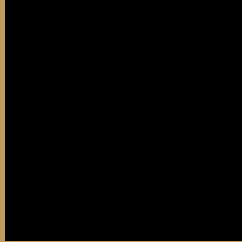
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0600, 0.4137, 0.4067

Background



This preview shows how black text looks on a background with the Yxy color 35.0600, 0.4137, 0.4067.



This preview shows how white text looks on a background with the Yxy color 35.0600, 0.4137, 0.4067.

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

35.0600, 0.4137, 0.4067

Protanopia

35.1186, 0.3862, 0.4185

Deuteranopia

35.1927, 0.4148, 0.4064



Tritanopia

34.9645, 0.3589, 0.3135

Trichromacy



Original Color

35.0600, 0.4137, 0.4067

Protanomaly

34.9036, 0.3964, 0.4135

Deuteranomaly

35.1927, 0.4148, 0.4064

Tritanomaly

34.9068, 0.3804, 0.3478

Monochromacy



Original Color

35.0600, 0.4137, 0.4067

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.6339, 0.3487, 0.3611

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0600, 0.4137, 0.4067 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(194, 153, 94)` looks like.

```
.text, #text, p{  
    color:rgb(194, 153, 94)  
}
```

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(194, 153, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 153, 94) }
```

Border

The CSS property to change the border of an element to Yxy 35.0600, 0.4137, 0.4067 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(194, 153, 94) }
```

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

```
.border{ border-color:rgb(194, 153, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 153, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 153, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 153, 94);  
box-shadow:4px 4px 4px 4px rgb(194, 153,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0600, 0.4137, 0.4067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 153, 94) }
```

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

```
.background{ background-color: rgb(194,  
153, 94) }
```

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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