

Converting Colors

$Yxy(36.6896, 0.3534, 0.3843)$

Have a look what the booklet for
Yxy(36.6896, 0.3534, 0.3843)
contains.

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Color

Yxy(36.6033, 0.3529, 0.3843)

Conversions

Conversions Part 1

Format	Color
Hex	AAA47E
RGB	170, 164, 126
RGB Percent	67%, 64%, 49%
CMY	0.3335, 0.3568, 0.5059
CMYK	0.00, 0.03, 0.26, 0.33
HSL	52°, 21%, 58%
HSV	52°, 26%, 67%
XYZ	33.6126, 36.6033, 25.0308
YIQ	161.4620, 15.7740, -10.5460

Conversions

Conversions Part 2

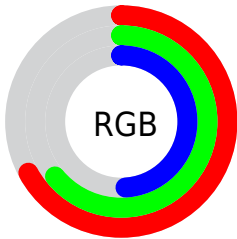
Format	Color
RYB	133, 170, 126
Decimal	11183230
CIELab	66.98, -4.08, 20.55
CIElCh	67, 20.949, 101.238
Yxy	36.6033, 0.3529, 0.3843
Android (android.graphics.Color)	4289373310 (0xFFAAA47E)
YUV	161.4620, -17.4828, 7.4878
Hunter-Lab	60.5007, -6.7063, 17.8205

Details

The Yxy color **36.6033, 0.3529, 0.3843** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.8233, 0.2700, 0.2669**, and the grayscale version is **35.9428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0865, 0.3454, 0.3734**, and **15.9061, 0.3644, 0.4006** is the 20% darker color. If you saturate the color by 10%, you get **35.3874, 0.3693, 0.4059**, and if you desaturate by 10%, it is **37.9119, 0.3368, 0.3625**.

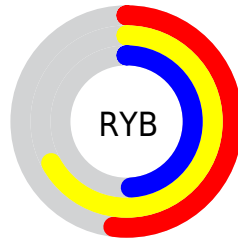
Distribution



Red (67%)

Green (64%)

Blue (49%)



Red (52%)

Yellow (67%)

Blue (49%)

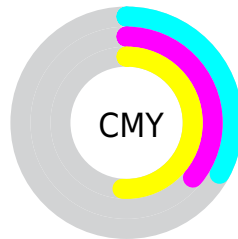


Cyan (0%)

Magenta (3%)

Yellow (26%)

Black (33%)



Cyan (33%)


Magenta (36%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6033, 0.3529, 0.3843 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 36.6033, 0.3529, 0.3843 by changing the saturation by 10% instead.


 36.6033, 0.3529,
0.3843


 36.6033, 0.3529,
0.3843


331.5898, 0.3323,
0.3554


 24.9005, 0.3582,
0.3919


 69.9622, 0.3453,
0.3735

 16.0029, 0.3650,
0.4018


 92.3872, 0.3425,
0.3695

 9.5262, 0.3740,
0.4154


 119.1549, 0.3401,
0.3662

 5.0860, 0.3865,
0.4348

150.6499, 0.3381,
0.3634

 2.2978, 0.4077,
0.4681

187.2564, 0.3363,
0.3610

 0.7725, 0.4510,
0.5490

229.3590, 0.3348,

 0.0000, 0.0000,

0.3589

0.0000

277.3420, 0.3334,
0.3570

■ 36.6033, 0.3529,
0.3843

■ 36.6033, 0.3529,
0.3843

■ 35.3874, 0.3693,
0.4059

■ 37.9119, 0.3368,
0.3625

■ 34.2555, 0.3855,
0.4264

■ 39.3118, 0.3214,
0.3412

■ 33.2049, 0.4010,
0.4450

■ 40.8081, 0.3068,
0.3207

■ 32.2312, 0.4149,
0.4608

■ 42.4039, 0.2934,
0.3013

■ 31.3291, 0.4268,
0.4728

■ 44.1023, 0.2811,
0.2833

■ 30.4927, 0.4361,
0.4805

■ 45.9060, 0.2698,
0.2667

■ 29.7142, 0.4427,
0.4839

■ 47.8178, 0.2597,
0.2514

■ 29.4023, 0.4451,
0.4848

■ 49.3835, 0.2543,
0.2442

■ 50.3354, 0.2547,
0.2469

Harmonies

Analogous

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



36.6033, 0.3722, 0.3702



36.6033, 0.3529, 0.3843



36.6033, 0.3234, 0.3829

Triad

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



36.6033, 0.3529, 0.3843



36.6033, 0.2542, 0.3062



36.6033, 0.3319, 0.2969

Complementary

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



36.6033, 0.3529, 0.3843



23.8233, 0.2700, 0.2669

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.



36.6033, 0.2996, 0.2813



36.6033, 0.3529, 0.3843



36.6033, 0.2561, 0.2853

Square

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



36.6033, 0.3529, 0.3843



36.6033, 0.2670, 0.3355



36.6033, 0.2723, 0.2769



36.6033, 0.3600, 0.3203

Rectangle

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



36.6033, 0.3529, 0.3843



36.6033, 0.3021, 0.3723



36.6033, 0.2723, 0.2769



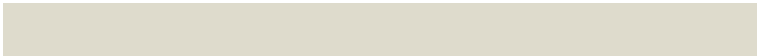
36.6033, 0.3211, 0.2907

Sweetspot

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



36.6049, 0.3529, 0.3843



70.7685, 0.3248, 0.3460



25.1450, 0.3584, 0.3191



15.6968, 0.3271, 0.3491



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.6049, 0.3529, 0.3843



65.1705, 0.3622, 0.3967



37.1680, 0.3359, 0.3955



8.5982, 0.3265, 0.3484



21.6986, 0.4448, 0.4850



0.5740, 0.4353, 0.4926

Inverse Universe

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



23.8233, 0.2700, 0.2669



38.0193, 0.2593, 0.2508



23.5184, 0.2848, 0.2599



7.4581, 0.2986, 0.3089



2.6353, 0.1535, 0.0724



0.1118, 0.1655, 0.1158

Previews

White Background



This preview shows how the Yxy color 36.6033, 0.3529, 0.3843 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 36.6033, 0.3529, 0.3843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

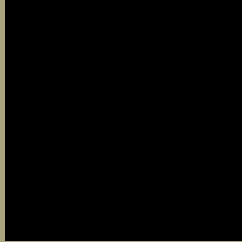
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6033, 0.3529, 0.3843

Background



This preview shows how black text looks on a background with the Yxy color 36.6033, 0.3529, 0.3843.



This preview shows how white text looks on a background with the Yxy color 36.6033, 0.3529, 0.3843.

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

36.6033, 0.3529, 0.3843

Protanopia

36.6737, 0.3583, 0.3836

Deuteranopia

36.4118, 0.3758, 0.3672



Tritanopia

36.5861, 0.3193, 0.3124

Trichromacy



Original Color

36.6033, 0.3529, 0.3843

Protanomaly

36.5593, 0.3573, 0.3838

Deuteranomaly

36.3959, 0.3672, 0.3738

Tritanomaly

36.4734, 0.3319, 0.3375

Monochromacy



Original Color

36.6033, 0.3529, 0.3843

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.8713, 0.3272, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6033, 0.3529, 0.3843 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(170, 164, 126)` looks like.

```
.text, #text, p{  
    color:rgb(170, 164, 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(170, 164, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 164, 126) }
```

Border

The CSS property to change the border of an element to Yxy 36.6033, 0.3529, 0.3843 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(170, 164, 126) }
```

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

```
.border{ border-color:rgb(170, 164, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 164, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 164, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 164, 126);  
box-shadow:4px 4px 4px 4px rgb(170, 164,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6033, 0.3529, 0.3843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 164, 126) }
```

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

```
.background{ background-color: rgb(170,  
164, 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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