

Converting Colors

Yxy(36.5541, 0.3642, 0.3777)

Have a look what the booklet for
Yxy(36.5541, 0.3642, 0.3777)
contains.

Yxy(36.6994, 0.3643, 0.3784)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.6994, 0.3643, 0.3784)

Conversions

Conversions Part 1

Format	Color
Hex	B4A17E
RGB	180, 161, 126
RGB Percent	71%, 63%, 49%
CMY	0.2941, 0.3686, 0.5059
CMYK	0.00, 0.11, 0.30, 0.29
HSL	39°, 26%, 60%
HSV	39°, 30%, 71%
XYZ	35.3319, 36.6994, 24.9544
YIQ	162.6910, 22.5590, -6.8570

Conversions

Conversions Part 2

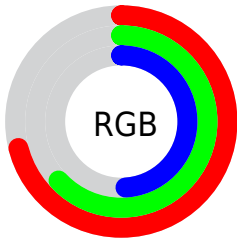
Format	Color
RYB	155, 180, 126
Decimal	11837822
CIELab	67.05, 1.53, 20.80
CIElCh	67, 20.854, 85.783
Yxy	36.6994, 0.3643, 0.3784
Android (android.graphics.Color)	4290027902 (0xFFB4A17E)
YUV	162.6910, -18.0887, 15.1800
Hunter-Lab	60.5800, -1.9091, 17.9830

Details

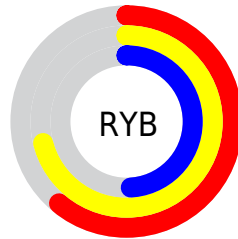
The Yxy color **36.6994, 0.3643, 0.3784** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.9731, 0.2641, 0.2740**, and the grayscale version is **36.5516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1993, 0.3539, 0.3692**, and **16.1233, 0.3789, 0.3937** is the 20% darker color. If you saturate the color by 10%, you get **34.1210, 0.3845, 0.3952**, and if you desaturate by 10%, it is **39.4767, 0.3455, 0.3614**.

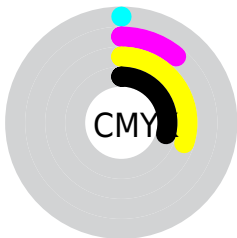
Distribution



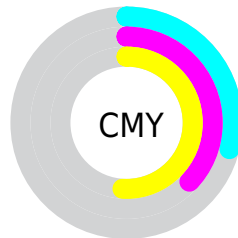
- Red (71%)
- Green (63%)
- Blue (49%)



- Red (61%)
- Yellow (71%)
- Blue (49%)



- Cyan (0%)
- Magenta (11%)
- Yellow (30%)
- Black (29%)





- Cyan (29%)
- Magenta (37%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6994, 0.3643, 0.3784 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 36.6994, 0.3643, 0.3784 by changing the saturation by 10% instead.


 36.6994, 0.3643,
0.3784


 36.6994, 0.3643,
0.3784


332.0073, 0.3376,
0.3530

 24.9748, 0.3712,
0.3849


 70.1102, 0.3544,
0.3690

 16.0583, 0.3802,
0.3933


 92.5653, 0.3507,
0.3655

 9.5654, 0.3923,
0.4045


 119.3659, 0.3477,
0.3626

 5.1118, 0.4093,
0.4201

150.8966, 0.3450,
0.3601

 2.3130, 0.4379,
0.4461

187.5417, 0.3428,
0.3580

 0.7806, 0.4996,
0.5004

229.6855, 0.3408,

 0.0000, 0.0000,

0.3561

0.0000

277.7126, 0.3391,
0.3544

■ 36.6994, 0.3643,
0.3784

■ 36.6994, 0.3643,
0.3784

■ 34.1210, 0.3845,
0.3952

■ 39.4767, 0.3455,
0.3614

■ 31.7305, 0.4057,
0.4111

■ 42.4537, 0.3283,
0.3449

■ 29.5228, 0.4272,
0.4251

■ 45.6374, 0.3127,
0.3290

■ 27.4908, 0.4481,
0.4361

■ 49.0331, 0.2988,
0.3141

■ 25.6266, 0.4674,
0.4430

■ 52.6457, 0.2864,
0.3003

■ 23.9210, 0.4840,
0.4450

■ 56.4800, 0.2753,
0.2875

■ 22.3582, 0.4980,
0.4428

■ 60.5405, 0.2655,
0.2758

■ 63.8287, 0.2647,
0.2801

■ 67.0481, 0.2655,
0.2874

Harmonies

Analogous

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



36.6994, 0.3755, 0.3587



36.6994, 0.3643, 0.3784



36.6994, 0.3392, 0.3855

Triad

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



36.6994, 0.3643, 0.3784



36.6994, 0.2594, 0.3207



36.6994, 0.3151, 0.2879

Complementary

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



36.6994, 0.3643, 0.3784



27.9731, 0.2641, 0.2740

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.



36.6994, 0.2846, 0.2777



36.6994, 0.3643, 0.3784



36.6994, 0.2536, 0.2948

Square

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



36.6994, 0.3643, 0.3784



36.6994, 0.2788, 0.3511



36.6994, 0.2626, 0.2798



36.6994, 0.3464, 0.3077

Rectangle

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



36.6994, 0.3643, 0.3784



36.6994, 0.3185, 0.3808



36.6994, 0.2626, 0.2798



36.6994, 0.3044, 0.2833

Sweetspot

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



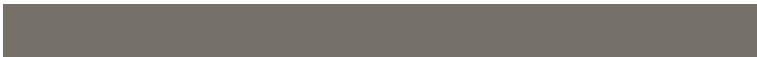
36.7011, 0.3643, 0.3784



77.4576, 0.3269, 0.3435



26.6896, 0.3544, 0.3007



16.5678, 0.3292, 0.3458



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



36.7011, 0.3643, 0.3784



63.4180, 0.3775, 0.3896



43.0087, 0.3505, 0.4044



9.3937, 0.3271, 0.3437



15.7348, 0.4968, 0.4437



0.5997, 0.4702, 0.4648

Inverse Universe

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



27.9731, 0.2641, 0.2740



45.0503, 0.2525, 0.2596



23.2147, 0.2675, 0.2445



8.7027, 0.2985, 0.3138



4.9192, 0.1654, 0.1152



0.2670, 0.1818, 0.1745

Previews

White Background



This preview shows how the Yxy color 36.6994, 0.3643, 0.3784 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 36.6994, 0.3643, 0.3784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

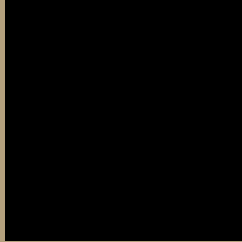
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6994, 0.3643, 0.3784

Background



This preview shows how black text looks on a background with the Yxy color 36.6994, 0.3643, 0.3784.



This preview shows how white text looks on a background with the Yxy color 36.6994, 0.3643, 0.3784.

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

36.6994, 0.3643, 0.3784

Protanopia

36.7254, 0.3564, 0.3807

Deuteranopia

36.7226, 0.3764, 0.3698



Tritanopia

36.5841, 0.3303, 0.3115

Trichromacy



Original Color

36.6994, 0.3643, 0.3784

Protanomaly

36.6031, 0.3588, 0.3790

Deuteranomaly

36.5508, 0.3718, 0.3718

Tritanomaly

36.4811, 0.3424, 0.3346

Monochromacy



Original Color

36.6994, 0.3643, 0.3784

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.4777, 0.3303, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6994, 0.3643, 0.3784 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(180, 161, 126)` looks like.

```
.text, #text, p{  
    color:rgb(180, 161, 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(180, 161, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 161, 126) }
```

Border

The CSS property to change the border of an element to Yxy 36.6994, 0.3643, 0.3784 is called "border". The border property can be set on classes, ids or directly on the HTML element.

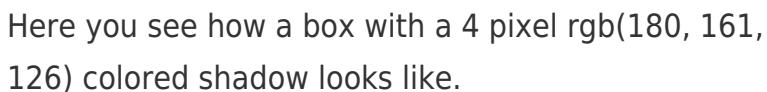
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 161, 126) }
```

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

```
.border{ border-color:rgb(180, 161, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 161, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 161, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 161, 126); box-shadow:4px 4px 4px 4px rgb(180, 161, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6994, 0.3643, 0.3784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 161, 126) }
```

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

```
.background{ background-color: rgb(180,  
161, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor