

Converting Colors

$Yxy(36.4903, 0.3548, 0.3698)$

Have a look what the booklet for
Yxy(36.4903, 0.3548, 0.3698)
contains.

Yxy(36.5028, 0.3555, 0.3703)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.5028, 0.3555, 0.3703)

Conversions

Conversions Part 1

Format	Color
Hex	B1A184
RGB	177, 161, 132
RGB Percent	69%, 63%, 52%
CMY	0.3058, 0.3686, 0.4823
CMYK	0.00, 0.09, 0.25, 0.31
HSL	39°, 22%, 61%
HSV	39°, 25%, 69%
XYZ	35.0439, 36.5028, 27.0296
YIQ	162.4780, 18.8450, -5.6270

Conversions

Conversions Part 2

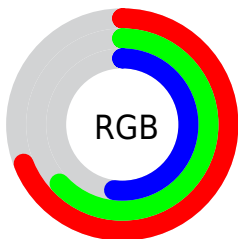
Format	Color
RYB	157, 177, 132
Decimal	11641220
CIELab	66.90, 1.19, 17.24
CIElCh	67, 17.280, 86.037
Yxy	36.5028, 0.3555, 0.3703
Android (android.graphics.Color)	4289831300 (0xFFB1A184)
YUV	162.4780, -15.0257, 12.7358
Hunter-Lab	60.4175, -2.1957, 15.7671

Details

The Yxy color **36.5028, 0.3555, 0.3703** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.2670, 0.2721, 0.2839**, and the grayscale version is **36.4342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.9382, 0.3472, 0.3629**, and **16.0461, 0.3694, 0.3846** is the 20% darker color. If you saturate the color by 10%, you get **33.9139, 0.3751, 0.3871**, and if you desaturate by 10%, it is **39.2882, 0.3374, 0.3536**.

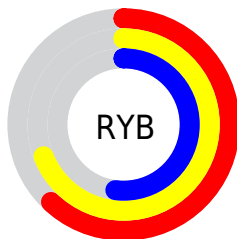
Distribution



Red (69%)

Green (63%)

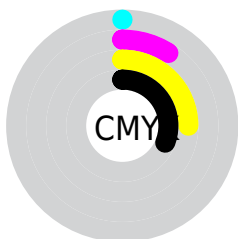
Blue (52%)



Red (62%)

Yellow (69%)

Blue (52%)

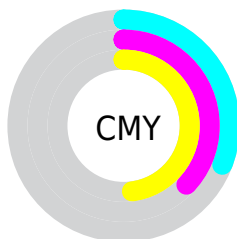


Cyan (0%)

Magenta (9%)

Yellow (25%)

Black (31%)



Cyan (31%)

Magenta (37%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5028, 0.3555, 0.3703 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 36.5028, 0.3555, 0.3703 by changing the saturation by 10% instead.


 36.5028, 0.3555,
0.3703


 36.5028, 0.3555,
0.3703


331.1529, 0.3333,
0.3490

 24.8228, 0.3613,
0.3758


 69.8074, 0.3472,
0.3624

 15.9451, 0.3689,
0.3830


 92.2008, 0.3442,
0.3595

 9.4853, 0.3792,
0.3927


 118.9341, 0.3416,
0.3570

 5.0590, 0.3939,
0.4065

150.3917, 0.3395,
0.3549

 2.2819, 0.4166,
0.4275

186.9579, 0.3376,
0.3531

 0.7641, 0.4971,
0.5029

229.0173, 0.3360,

 0.0000, 0.0000,

0.3516

0.0000

276.9542, 0.3345,
0.3502

■ 36.5028, 0.3555,
0.3703

■ 36.5028, 0.3555,
0.3703

■ 33.9139, 0.3751,
0.3871

■ 39.2882, 0.3374,
0.3536

■ 31.5107, 0.3960,
0.4035

■ 42.2704, 0.3209,
0.3374

■ 29.2888, 0.4175,
0.4183

■ 45.4565, 0.3062,
0.3221

■ 27.2414, 0.4390,
0.4308

■ 48.8512, 0.2929,
0.3078

■ 25.3612, 0.4593,
0.4396

■ 52.4592, 0.2812,
0.2946

■ 23.6401, 0.4775,
0.4439

■ 56.2852, 0.2708,
0.2824

■ 22.0680, 0.4926,
0.4432

■ 60.2744, 0.2620,
0.2721

■ 21.3901, 0.4991,
0.4419

■ 63.3505, 0.2629,
0.2795

■ 66.5494, 0.2637,
0.2869

Harmonies

Analogous

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



36.5028, 0.3648, 0.3543



36.5028, 0.3555, 0.3703



36.5028, 0.3347, 0.3756

Triad

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



36.5028, 0.3555, 0.3703



36.5028, 0.2681, 0.3222



36.5028, 0.3151, 0.2946

Complementary

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



36.5028, 0.3555, 0.3703



29.2670, 0.2721, 0.2839

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.



36.5028, 0.2896, 0.2861



36.5028, 0.3555, 0.3703



36.5028, 0.2632, 0.3007

Square

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



36.5028, 0.3555, 0.3703



36.5028, 0.2844, 0.3471



36.5028, 0.2709, 0.2879



36.5028, 0.3409, 0.3114

Rectangle

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



36.5028, 0.3555, 0.3703



36.5028, 0.3175, 0.3715



36.5028, 0.2709, 0.2879



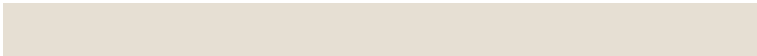
36.5028, 0.3062, 0.2907

Sweetspot

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



36.5045, 0.3555, 0.3703



74.2083, 0.3252, 0.3417



28.0069, 0.3463, 0.3053



15.9090, 0.3276, 0.3441



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



36.5045, 0.3555, 0.3703



62.4950, 0.3673, 0.3806



41.7758, 0.3447, 0.3925



9.3877, 0.3272, 0.3436



15.6127, 0.4980, 0.4428



0.5964, 0.4709, 0.4643

Inverse Universe

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



29.2670, 0.2721, 0.2839



47.1343, 0.2616, 0.2712



25.0824, 0.2756, 0.2591



8.7085, 0.2985, 0.3139



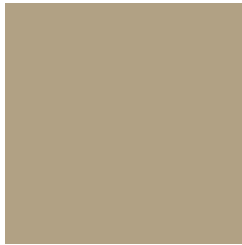
4.9795, 0.1657, 0.1164



0.2693, 0.1821, 0.1756

Previews

White Background



This preview shows how the Yxy color 36.5028, 0.3555, 0.3703 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 36.5028, 0.3555, 0.3703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

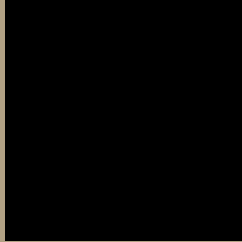
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5028, 0.3555, 0.3703

Background



This preview shows how black text looks on a background with the Yxy color 36.5028, 0.3555, 0.3703.



This preview shows how white text looks on a background with the Yxy color 36.5028, 0.3555, 0.3703.

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

36.5028, 0.3555, 0.3703

Protanopia

36.6585, 0.3488, 0.3723

Deuteranopia

36.2892, 0.3687, 0.3606



Tritanopia

36.4278, 0.3262, 0.3126

Trichromacy



Original Color

36.5028, 0.3555, 0.3703

Protanomaly

36.5328, 0.3512, 0.3707

Deuteranomaly

36.4615, 0.3638, 0.3638

Tritanomaly

36.5236, 0.3373, 0.3332

Monochromacy



Original Color

36.5028, 0.3555, 0.3703

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.2905, 0.3274, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5028, 0.3555, 0.3703 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(177, 161, 132)` looks like.

```
.text, #text, p{  
    color:rgb(177, 161, 132)  
}
```

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(177, 161, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 161, 132) }
```

Border

The CSS property to change the border of an element to Yxy 36.5028, 0.3555, 0.3703 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(177, 161, 132) }
```

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

```
.border{ border-color:rgb(177, 161, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 161, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 161, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 161, 132);  
box-shadow:4px 4px 4px 4px rgb(177, 161,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5028, 0.3555, 0.3703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 161, 132) }
```

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

```
.background{ background-color: rgb(177,  
161, 132) }
```

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