

Converting Colors

$Yxy(36.3535, 0.3745, 0.3566)$

Have a look what the booklet for
Yxy(36.3535, 0.3745, 0.3566)
contains.

Yxy(36.3018, 0.3737, 0.3560)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.3018, 0.3737, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	C29A86
RGB	194, 154, 134
RGB Percent	76%, 60%, 53%
CMY	0.2392, 0.3961, 0.4744
CMYK	0.00, 0.21, 0.31, 0.24
HSL	20°, 33%, 64%
HSV	20°, 31%, 76%
XYZ	38.1067, 36.3018, 27.5629
YIQ	163.6800, 30.2600, 2.2600

Conversions

Conversions Part 2

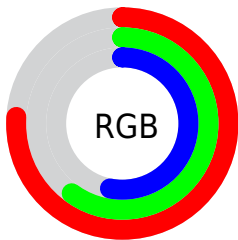
Format	Color
RYB	194, 164, 134
Decimal	12753542
CIELab	66.75, 12.01, 16.15
CIElCh	67, 20.128, 53.380
Yxy	36.3018, 0.3737, 0.3560
Android (android.graphics.Color)	4290943622 (0xFFC29A86)
YUV	163.6800, -14.6322, 26.5906
Hunter-Lab	60.2510, 7.4560, 15.0524

Details

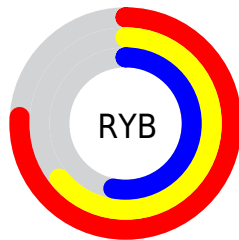
The Yxy color **36.3018, 0.3737, 0.3560** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.2429, 0.2655, 0.3002**, and the grayscale version is **37.0259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2088, 0.3617, 0.3511**, and **15.8296, 0.3933, 0.3642** is the 20% darker color. If you saturate the color by 10%, you get **31.7680, 0.4005, 0.3650**, and if you desaturate by 10%, it is **41.3986, 0.3506, 0.3469**.

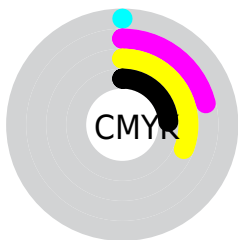
Distribution



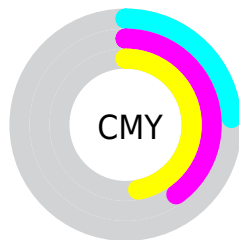
- Red (76%)
- Green (60%)
- Blue (53%)



- Red (76%)
- Yellow (64%)
- Blue (53%)



- Cyan (0%)
- Magenta (21%)
- Yellow (31%)
- Black (24%)





- Cyan (24%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.3018, 0.3737, 0.3560 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 36.3018, 0.3737, 0.3560 by changing the saturation by 10% instead.


 36.3018, 0.3737,
0.3560

 36.3018, 0.3737,
0.3560


330.2777, 0.3417,
0.3427

 24.6674, 0.3822,
0.3592


 69.4976, 0.3617,
0.3512

 15.8294, 0.3933,
0.3632


 91.8278, 0.3573,
0.3494

 9.4035, 0.4086,
0.3684


 118.4921, 0.3537,
0.3479

 5.0053, 0.4307,
0.3750

149.8747, 0.3505,
0.3465

 2.2504, 0.4653,
0.3832

186.3603, 0.3479,
0.3454

 0.7473, 0.5757,
0.4243

228.3330, 0.3455,

 0.0000, 0.0000,

0.3444

0.0000

276.1774, 0.3435,
0.3435

■ 36.3018, 0.3737,
0.3560

■ 36.3018, 0.3737,
0.3560

■ 31.7680, 0.4005,
0.3650

■ 41.3986, 0.3506,
0.3469

■ 27.7720, 0.4310,
0.3734

■ 47.0720, 0.3308,
0.3380

■ 24.2944, 0.4646,
0.3801


■ 53.3419, 0.3141,
0.3297

■ 21.3123, 0.4999,
0.3839


■ 60.2253, 0.2999,
0.3220

■ 18.8011, 0.5345,
0.3838

■ 67.7387, 0.2879,
0.3149

 16.7335, 0.5652,
0.3789

 75.8978, 0.2777,
0.3085

 15.2066, 0.5884,
0.3710

 83.7262, 0.2764,
0.3178

 90.2082, 0.2773,
0.3289

Harmonies

Analogous

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



36.3018, 0.3660, 0.3309



36.3018, 0.3737, 0.3560



36.3018, 0.3642, 0.3757

Triad

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



36.3018, 0.3737, 0.3560



36.3018, 0.2819, 0.3526



36.3018, 0.2834, 0.2790

Complementary

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



36.3018, 0.3737, 0.3560



39.2429, 0.2655, 0.3002

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.



36.3018, 0.2629, 0.2820



36.3018, 0.3737, 0.3560



36.3018, 0.2620, 0.3234

Square

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



36.3018, 0.3737, 0.3560



36.3018, 0.3105, 0.3754



36.3018, 0.2553, 0.2976



36.3018, 0.3126, 0.2879

Rectangle

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



36.3018, 0.3737, 0.3560



36.3018, 0.3497, 0.3827



36.3018, 0.2553, 0.2976



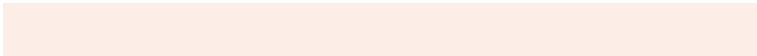
36.3018, 0.2753, 0.2786

Sweetspot

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



36.3035, 0.3737, 0.3560



87.2193, 0.3277, 0.3365



31.6216, 0.3356, 0.2755



18.7452, 0.3303, 0.3378



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.



36.3035, 0.3737, 0.3560



60.1819, 0.3912, 0.3621



47.0565, 0.3627, 0.3925



10.6140, 0.3281, 0.3367



10.1349, 0.5860, 0.3729



0.5662, 0.5419, 0.4079

Inverse Universe

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



39.2429, 0.2655, 0.3002



66.3197, 0.2557, 0.2929



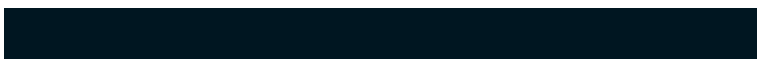
29.2229, 0.2605, 0.2563



10.8447, 0.2984, 0.3211



13.1028, 0.1938, 0.2175



0.6885, 0.2015, 0.2453

Previews

White Background



This preview shows how the Yxy color 36.3018, 0.3737, 0.3560 looks on a white background.

Color Contrast Check

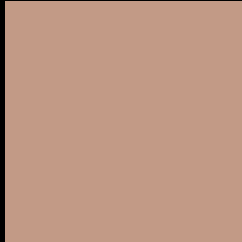
Large Text (above 18pt) WCAG AA × Fail

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 36.3018, 0.3737, 0.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

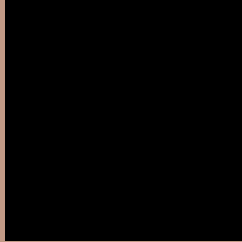
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3018, 0.3737, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 36.3018, 0.3737, 0.3560.



This preview shows how white text looks on a background with the Yxy color 36.3018, 0.3737, 0.3560.

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

36.3018, 0.3737, 0.3560

Protanopia

36.3336, 0.3434, 0.3638

Deuteranopia

36.1895, 0.3667, 0.3593



Tritanopia

36.2916, 0.3493, 0.3134

Trichromacy



Original Color

36.3018, 0.3737, 0.3560

Protanomaly

36.1861, 0.3534, 0.3602

Deuteranomaly

36.1111, 0.3692, 0.3578

Tritanomaly

36.1360, 0.3583, 0.3278

Monochromacy



Original Color

36.3018, 0.3737, 0.3560

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.5555, 0.3338, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3018, 0.3737, 0.3560 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, 154, 134)` looks like.

```
.text, #text, p{  
    color:rgb(194, 154, 134)  
}
```

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, 154, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 154, 134) }
```

Border

The CSS property to change the border of an element to Yxy 36.3018, 0.3737, 0.3560 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, 154, 134) }
```

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

```
.border{ border-color:rgb(194, 154, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 154, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 154, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 154, 134);  
box-shadow:4px 4px 4px 4px rgb(194, 154,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3018, 0.3737, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 154, 134) }
```

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

```
.background{ background-color: rgb(194,  
154, 134) }
```

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