

Converting Colors

$Y_{xy}(37.3779, 0.3542, 0.3304)$

Have a look what the booklet for
Yxy(37.3779, 0.3542, 0.3304)
contains.

Yxy(37.3779, 0.3542, 0.3304)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.3779, 0.3542, 0.3304)

Conversions

Conversions Part 1

Format	Color
Hex	C39B9A
RGB	195, 155, 154
RGB Percent	76%, 61%, 60%
CMY	0.2351, 0.3922, 0.3960
CMYK	0.00, 0.21, 0.21, 0.24
HSL	1°, 25%, 68%
HSV	1°, 21%, 76%
XYZ	40.0704, 37.3779, 35.6810
YIQ	166.8460, 24.1610, 8.1690

Conversions

Conversions Part 2

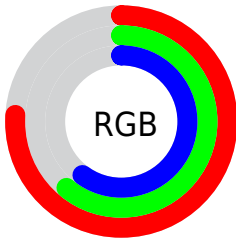
Format	Color
RYB	195, 155, 154
Decimal	12819354
CIELab	67.56, 14.74, 6.18
CIElCh	68, 15.987, 22.747
Yxy	37.3779, 0.3542, 0.3304
Android (android.graphics.Color)	4291009434 (0xFFC39B9A)
YUV	166.8460, -6.3331, 24.6911
Hunter-Lab	61.1375, 10.0009, 8.1935

Details

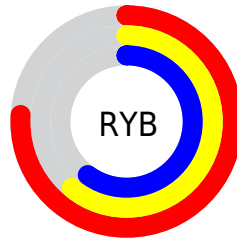
The Yxy color **37.3779, 0.3542, 0.3304** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.4346, 0.2816, 0.3276**, and the grayscale version is **38.5902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3427, 0.3462, 0.3312**, and **16.5426, 0.3678, 0.3310** is the 20% darker color. If you saturate the color by 10%, you get **30.9353, 0.3816, 0.3311**, and if you desaturate by 10%, it is **44.9293, 0.3321, 0.3297**.

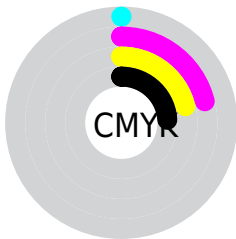
Distribution



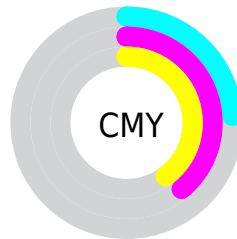
- Red (76%)
- Green (61%)
- Blue (60%)



- Red (76%)
- Yellow (61%)
- Blue (60%)



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





- Cyan (24%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.3779, 0.3542, 0.3304 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 37.3779, 0.3542, 0.3304 by changing the saturation by 10% instead.


 37.3779, 0.3542,
0.3304


 37.3779, 0.3542,
0.3304


334.9437, 0.3325,
0.3300

 25.5002, 0.3599,
0.3304


 71.1536, 0.3461,
0.3303

 16.4501, 0.3675,
0.3303


 93.8204, 0.3431,
0.3303

 9.8432, 0.3778,
0.3302


120.8524, 0.3406,
0.3302

 5.2951, 0.3930,
0.3296

152.6340, 0.3385,
0.3302

 2.4215, 0.4173,
0.3281

189.5495, 0.3367,
0.3301

 0.8369, 0.4761,
0.3332

231.9834, 0.3351,

 0.0000, 1.0000,

0.3301


0.0000

280.3200, 0.3338,
0.3300

 0.0000, 0.0000,
0.0000


 37.3779, 0.3542,
0.3304


 37.3779, 0.3542,
0.3304


 30.9353, 0.3816,
0.3311


 44.9293, 0.3321,
0.3297


 25.5444, 0.4152,
0.3319


 53.6328, 0.3143,
0.3291


 21.1511, 0.4553,
0.3325

 63.5356, 0.3001,
0.3285

 17.6941, 0.5006,
0.3329

 74.6808, 0.2886,
0.3280

 15.1056, 0.5477,
0.3330

 87.1094, 0.2792,
0.3275

■ 13.3084, 0.5907,
0.3326

■ 90.3489, 0.2779,
0.3289

■ 12.2120, 0.6221,
0.3317

■ 11.7087, 0.6385,
0.3312

Harmonies

Analogous

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



37.3779, 0.3362, 0.3109



37.3779, 0.3542, 0.3304



37.3779, 0.3606, 0.3504

Triad

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



37.3779, 0.3542, 0.3304



37.3779, 0.3117, 0.3654



37.3779, 0.2729, 0.2921

Complementary

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



37.3779, 0.3542, 0.3304



49.4346, 0.2816, 0.3276

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.



37.3779, 0.2671, 0.3049



37.3779, 0.3542, 0.3304



37.3779, 0.2889, 0.3479

Square

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



37.3779, 0.3542, 0.3304



37.3779, 0.3355, 0.3718



37.3779, 0.2728, 0.3254



37.3779, 0.2892, 0.2891

Rectangle

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



37.3779, 0.3542, 0.3304



37.3779, 0.3573, 0.3615



37.3779, 0.2728, 0.3254



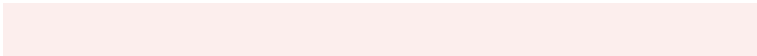
37.3779, 0.2697, 0.2953

Sweetspot

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



37.3796, 0.3542, 0.3304



87.8631, 0.3228, 0.3294



38.6368, 0.3158, 0.2782



19.0149, 0.3240, 0.3294



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.



37.3796, 0.3542, 0.3304



61.6539, 0.3654, 0.3307



44.6870, 0.3489, 0.3566



10.1151, 0.3288, 0.3296



7.6230, 0.6380, 0.3316



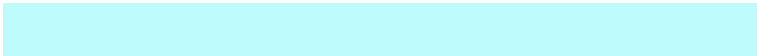
0.3428, 0.6306, 0.3375

Inverse Universe

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



49.4346, 0.2816, 0.3276



86.8895, 0.2757, 0.3273



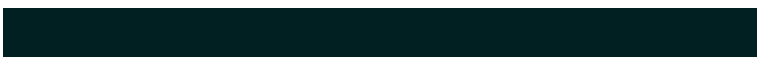
41.0279, 0.2797, 0.2997



11.3864, 0.2984, 0.3284



26.6282, 0.2227, 0.3216



1.1636, 0.2232, 0.3233

Previews

White Background



This preview shows how the Yxy color 37.3779, 0.3542, 0.3304 looks on a white background.

Color Contrast Check

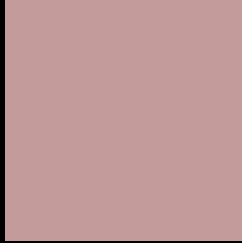
Large Text (above 18pt) WCAG AA × Fail

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 37.3779, 0.3542, 0.3304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

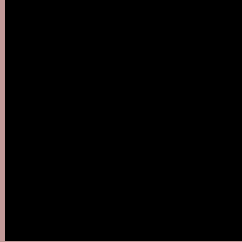
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3779, 0.3542, 0.3304

Background



This preview shows how black text looks on a background with the Yxy color 37.3779, 0.3542, 0.3304.



This preview shows how white text looks on a background with the Yxy color 37.3779, 0.3542, 0.3304.

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

37.3779, 0.3542, 0.3304

Protanopia

37.4891, 0.3218, 0.3361

Deuteranopia

37.4105, 0.3440, 0.3373



Tritanopia

37.2348, 0.3447, 0.3134

Trichromacy



Original Color

37.3779, 0.3542, 0.3304

Protanomaly

37.3890, 0.3328, 0.3346

Deuteranomaly

37.5724, 0.3483, 0.3359

Tritanomaly

37.4202, 0.3484, 0.3199

Monochromacy



Original Color

37.3779, 0.3542, 0.3304

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.1501, 0.3270, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3779, 0.3542, 0.3304 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(195, 155, 154)` looks like.

```
.text, #text, p{  
    color:rgb(195, 155, 154)  
}
```

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(195, 155, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 155, 154) }
```

Border

The CSS property to change the border of an element to Yxy 37.3779, 0.3542, 0.3304 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(195, 155, 154) }
```

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

```
.border{ border-color:rgb(195, 155, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 155, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 155, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 155, 154);  
box-shadow:4px 4px 4px 4px rgb(195, 155,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3779, 0.3542, 0.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 155, 154) }
```

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

```
.background{ background-color: rgb(195,  
155, 154) }
```

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