

Converting Colors

$Yxy(38.0881, 0.3470, 0.3225)$

Have a look what the booklet for
Yxy(38.0881, 0.3470, 0.3225)
contains.

Yxy(37.9522, 0.3470, 0.3225)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.9522, 0.3470, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	C39CA1
RGB	195, 156, 161
RGB Percent	76%, 61%, 63%
CMY	0.2351, 0.3883, 0.3686
CMYK	0.00, 0.20, 0.17, 0.24
HSL	352°, 25%, 69%
HSV	352°, 20%, 76%
XYZ	40.8354, 37.9522, 38.8936
YIQ	168.2310, 21.6390, 9.8230

Conversions

Conversions Part 2

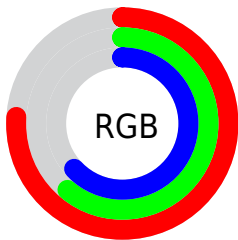
Format	Color
R _Y B	195, 156, 161
Decimal	12819617
CIE Lab	67.99, 15.28, 2.90
CIE LCh	68, 15.551, 10.731
Yxy	37.9522, 0.3470, 0.3225
Android (android.graphics.Color)	4291009697 (0xFFC39CA1)
YUV	168.2310, -3.5649, 23.4764
Hunter-Lab	61.6054, 10.5102, 5.6919

Details

The Yxy color **37.9522, 0.3470, 0.3225** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.8344, 0.2865, 0.3357**, and the grayscale version is **39.2895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2418, 0.3401, 0.3240**, and **16.8917, 0.3573, 0.3202** is the 20% darker color. If you saturate the color by 10%, you get **31.3664, 0.3705, 0.3190**, and if you desaturate by 10%, it is **45.6740, 0.3280, 0.3259**.

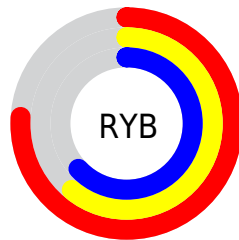
Distribution



Red (76%)

Green (61%)

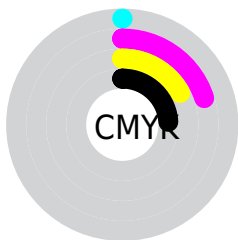
Blue (63%)



Red (76%)

Yellow (61%)

Blue (63%)

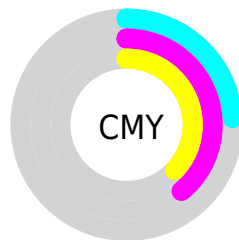


Cyan (0%)

Magenta (20%)

Yellow (17%)

Black (24%)



Cyan (24%)


Magenta (39%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9522, 0.3470, 0.3225 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 37.9522, 0.3470, 0.3225 by changing the saturation by 10% instead.


 37.9522, 0.3470,
0.3225


 37.9522, 0.3470,
0.3225


337.4149, 0.3292,
0.3260

 25.9456, 0.3517,
0.3215

 72.0349, 0.3404,
0.3238

 16.7829, 0.3578,
0.3202


 94.8797, 0.3379,
0.3243

 10.0799, 0.3663,
0.3184


122.1061, 0.3359,
0.3247

 5.4519, 0.3785,
0.3156

154.0984, 0.3341,
0.3251

 2.5148, 0.3981,
0.3110

191.2411, 0.3326,
0.3254

 0.8840, 0.4359,
0.3033

233.9184, 0.3313,

 0.0000, 1.0000,

0.3256

0.0000

282.5149, 0.3302,
0.3258

0.0000, 0.0000,
0.0000

37.9522, 0.3470,
0.3225

37.9522, 0.3470,
0.3225

31.3664, 0.3705,
0.3190

45.6740, 0.3280,
0.3259

25.8580, 0.3993,
0.3157

54.5764, 0.3127,
0.3290

21.3712, 0.4339,
0.3127

64.7079, 0.3004,
0.3319

17.8429, 0.4739,
0.3107

76.1129, 0.2904,
0.3345

15.2031, 0.5175,
0.3103

88.8334, 0.2823,
0.3369

■ 13.3722, 0.5607,
0.3120

■ 90.3477, 0.2779,
0.3289

■ 12.2564, 0.5978,
0.3161

■ 11.6781, 0.6242,
0.3213

Harmonies

Analogous

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



37.9522, 0.3265, 0.3049



37.9522, 0.3470, 0.3225



37.9522, 0.3581, 0.3422

Triad

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



37.9522, 0.3470, 0.3225



37.9522, 0.3212, 0.3681



37.9522, 0.2706, 0.2971

Complementary

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



37.9522, 0.3470, 0.3225



49.8344, 0.2865, 0.3357

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.



37.9522, 0.2694, 0.3130



37.9522, 0.3470, 0.3225



37.9522, 0.2980, 0.3550

Square

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



37.9522, 0.3470, 0.3225



37.9522, 0.3427, 0.3694



37.9522, 0.2793, 0.3344



37.9522, 0.2826, 0.2903

Rectangle

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



37.9522, 0.3470, 0.3225



37.9522, 0.3585, 0.3543



37.9522, 0.2793, 0.3344



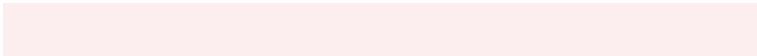
37.9522, 0.2689, 0.3015

Sweetspot

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



37.9539, 0.3470, 0.3225



87.7703, 0.3216, 0.3271



38.6407, 0.3102, 0.2791



18.9925, 0.3227, 0.3269



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.



37.9539, 0.3470, 0.3225



62.5719, 0.3566, 0.3210



42.8725, 0.3484, 0.3478



10.0985, 0.3269, 0.3261



7.5936, 0.6219, 0.3200



0.3351, 0.5734, 0.2932

Inverse Universe

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



37.9539, 0.3470, 0.3225



62.5719, 0.3566, 0.3210



43.9435, 0.2819, 0.3095



10.0985, 0.3269, 0.3261



7.5936, 0.6219, 0.3200



0.3351, 0.5734, 0.2932

Previews

White Background



This preview shows how the Yxy color 37.9522, 0.3470, 0.3225 looks on a white background.

Color Contrast Check

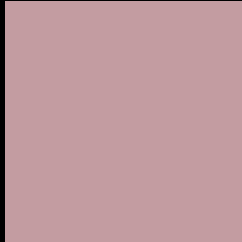
Large Text (above 18pt) WCAG AA × Fail

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 37.9522, 0.3470, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

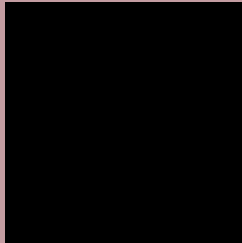
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9522, 0.3470, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 37.9522, 0.3470, 0.3225.



This preview shows how white text looks on a background with the Yxy color 37.9522, 0.3470, 0.3225.

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

37.9522, 0.3470, 0.3225

Protanopia

38.0985, 0.3156, 0.3276

Deuteranopia

37.8700, 0.3361, 0.3291



Tritanopia

37.9685, 0.3423, 0.3134

Trichromacy



Original Color

37.9522, 0.3470, 0.3225

Protanomaly

37.9860, 0.3262, 0.3263

Deuteranomaly

38.0257, 0.3403, 0.3277

Tritanomaly

37.8951, 0.3442, 0.3160

Monochromacy



Original Color

37.9522, 0.3470, 0.3225

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.7325, 0.3251, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9522, 0.3470, 0.3225 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, 156, 161)` looks like.

```
.text, #text, p{  
    color:rgb(195, 156, 161)  
}
```

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, 156, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 156, 161) }
```

Border

The CSS property to change the border of an element to Yxy 37.9522, 0.3470, 0.3225 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, 156, 161) }
```

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

```
.border{ border-color:rgb(195, 156, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 156, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 156, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 156, 161);  
box-shadow:4px 4px 4px 4px rgb(195, 156,  
161) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 37.9522, 0.3470, 0.3225$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 156, 161) }
```

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

```
.background{ background-color: rgb(195,  
156, 161) }
```

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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