

Converting Colors

$Yxy(37.8593, 0.3528, 0.3028)$

Have a look what the booklet for
Yxy(37.8593, 0.3528, 0.3028)
contains.

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Color

Yxy(37.8071, 0.3526, 0.3029)

Conversions

Conversions Part 1

Format	Color
Hex	D095AA
RGB	208, 149, 170
RGB Percent	82%, 58%, 67%
CMY	0.1844, 0.4156, 0.3334
CMYK	0.00, 0.28, 0.18, 0.18
HSL	339°, 39%, 70%
HSV	339°, 28%, 82%
XYZ	44.0105, 37.8071, 42.9995
YIQ	169.0350, 28.4230, 19.0390

Conversions

Conversions Part 2

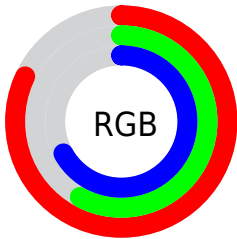
Format	Color
R_{YB}	208, 149, 170
Decimal	13669802
CIE _{Lab}	67.88, 25.28, -2.12
CIE _{LCh}	68, 25.365, 355.214
Yxy	37.8071, 0.3526, 0.3029
Android (android.graphics.Color)	4291859882 (0xFFD095AA)
YUV	169.0350, 0.4757, 34.1723
Hunter-Lab	61.4875, 20.1607, 1.5785

Details

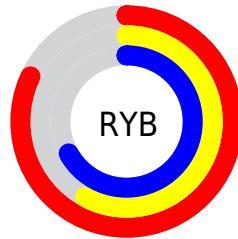
The Yxy color **37.8071, 0.3526, 0.3029** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.0828, 0.2846, 0.3569**, and the grayscale version is **39.6818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8820, 0.3367, 0.3078**, and **16.8157, 0.3652, 0.2956** is the 20% darker color. If you saturate the color by 10%, you get **31.3225, 0.3728, 0.2933**, and if you desaturate by 10%, it is **45.5221, 0.3359, 0.3125**.

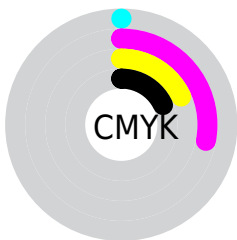
Distribution



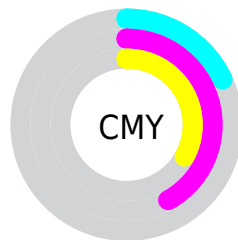
- Red (82%)
- Green (58%)
- Blue (67%)



- Red (82%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (28%)
- Yellow (18%)
- Black (18%)




- Cyan (18%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8071, 0.3526, 0.3029 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 37.8071, 0.3526, 0.3029 by changing the saturation by 10% instead.


 37.8071, 0.3526,
0.3029


 37.8071, 0.3526,
0.3029


336.7918, 0.3320,
0.3163

 25.8330, 0.3579,
0.2995

 71.8124, 0.3450,
0.3078

 16.6988, 0.3649,
0.2950


 94.6124, 0.3422,
0.3097

 10.0199, 0.3744,
0.2890


121.7897, 0.3398,
0.3112

 5.4122, 0.3882,
0.2803

153.7289, 0.3378,
0.3125

 2.4911, 0.4096,
0.2670

190.8144, 0.3361,
0.3136

 0.8722, 0.4478,
0.2438

233.4304, 0.3345,

 0.0000, 1.0000,

0.3146


0.0000


281.9614, 0.3332,
0.3155

 0.0000, 0.0000,
0.0000


 37.8071, 0.3526,
0.3029


 37.8071, 0.3526,
0.3029

 31.3225, 0.3728,
0.2933

 45.5221, 0.3359,
0.3125


 25.9989, 0.3968,
0.2843


 54.5215, 0.3222,
0.3217

 21.7682, 0.4247,
0.2768

 64.8627, 0.3110,
0.3304

 18.5528, 0.4560,
0.2718

 76.5979, 0.3019,
0.3384

 16.2647, 0.4893,
0.2708

 89.7765, 0.2944,
0.3458

■ 14.8008, 0.5224,
0.2745

■ 91.8546, 0.2873,
0.3337

■ 14.0059, 0.5527,
0.2830

■ 92.1474, 0.2849,
0.3289

■ 13.9012, 0.5575,
0.2845

Harmonies

Analogous

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



37.8071, 0.3146, 0.2798



37.8071, 0.3526, 0.3029



37.8071, 0.3803, 0.3327

Triad

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



37.8071, 0.3526, 0.3029



37.8071, 0.3449, 0.3974



37.8071, 0.2422, 0.2881

Complementary

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



37.8071, 0.3526, 0.3029



55.0828, 0.2846, 0.3569

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.



37.8071, 0.2493, 0.3193



37.8071, 0.3526, 0.3029



37.8071, 0.3072, 0.3862

Square

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



37.8071, 0.3526, 0.3029



37.8071, 0.3750, 0.3877



37.8071, 0.2725, 0.3563



37.8071, 0.2525, 0.2703

Rectangle

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



37.8071, 0.3526, 0.3029



37.8071, 0.3883, 0.3535



37.8071, 0.2725, 0.3563



37.8071, 0.2426, 0.2972

Sweetspot

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



37.8088, 0.3526, 0.3029



85.3052, 0.3232, 0.3210



36.5374, 0.2960, 0.2546



17.7861, 0.3250, 0.3197



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.



37.8088, 0.3526, 0.3029



53.5057, 0.3643, 0.2971



39.6504, 0.3718, 0.3391



11.8767, 0.3235, 0.3208



8.6824, 0.5538, 0.2825



0.5004, 0.5027, 0.2543

Inverse Universe

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



37.8088, 0.3526, 0.3029



53.5057, 0.3643, 0.2971



52.3085, 0.2708, 0.3186



11.8767, 0.3235, 0.3208



8.6824, 0.5538, 0.2825



0.5004, 0.5027, 0.2543

Previews

White Background



This preview shows how the Yxy color 37.8071, 0.3526, 0.3029 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 37.8071, 0.3526, 0.3029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

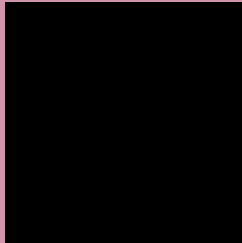
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8071, 0.3526, 0.3029

Background



This preview shows how black text looks on a background with the Yxy color 37.8071, 0.3526, 0.3029.



This preview shows how white text looks on a background with the Yxy color 37.8071, 0.3526, 0.3029.

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

37.8071, 0.3526, 0.3029

Protanopia

38.1643, 0.3009, 0.3094

Deuteranopia

38.1406, 0.3256, 0.3195



Tritanopia

37.6867, 0.3596, 0.3140

Trichromacy



Original Color

37.8071, 0.3526, 0.3029

Protanomaly

37.7546, 0.3186, 0.3061

Deuteranomaly

38.0549, 0.3350, 0.3132

Tritanomaly

37.7947, 0.3565, 0.3102

Monochromacy



Original Color

37.8071, 0.3526, 0.3029

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.7725, 0.3265, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8071, 0.3526, 0.3029 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(208, 149, 170)` looks like.

```
.text, #text, p{  
    color:rgb(208, 149, 170)  
}
```

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(208, 149, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 149, 170) }
```

Border

The CSS property to change the border of an element to Yxy 37.8071, 0.3526, 0.3029 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(208, 149, 170) }
```

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

```
.border{ border-color:rgb(208, 149, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 149, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 149, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 149, 170);  
box-shadow:4px 4px 4px 4px rgb(208, 149,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8071, 0.3526, 0.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 149, 170) }
```

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

```
.background{ background-color: rgb(208,  
149, 170) }
```

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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