

Converting Colors

$Y_{xy}(37.3680, 0.3589, 0.3058)$

Have a look what the booklet for
Yxy(37.3680, 0.3589, 0.3058)
contains.

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Color

Yxy(37.3222, 0.3593, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	D293A6
RGB	210, 147, 166
RGB Percent	82%, 58%, 65%
CMY	0.1764, 0.4235, 0.3491
CMYK	0.00, 0.30, 0.21, 0.18
HSL	342°, 41%, 70%
HSV	342°, 30%, 82%
XYZ	43.8948, 37.3222, 40.9506
YIQ	168.0030, 31.4490, 19.2650

Conversions

Conversions Part 2

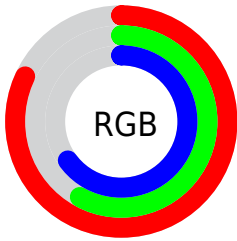
Format	Color
R _Y B	210, 147, 166
Decimal	13800358
CIE Lab	67.52, 26.49, -0.37
CIE LCh	68, 26.492, 359.202
Yxy	37.3222, 0.3593, 0.3055
Android (android.graphics.Color)	4291990438 (0xFFD293A6)
YUV	168.0030, -0.9875, 36.8314
Hunter-Lab	61.0919, 21.3423, 3.0216

Details

The Yxy color **37.3222, 0.3593, 0.3055** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.0660, 0.2810, 0.3541**, and the grayscale version is **39.1532, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2537, 0.3401, 0.3088**, and **16.4507, 0.3735, 0.2991** is the 20% darker color. If you saturate the color by 10%, you get **30.8694, 0.3820, 0.2974**, and if you desaturate by 10%, it is **45.0322, 0.3405, 0.3137**.

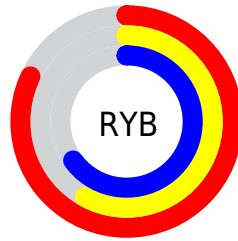
Distribution



Red (82%)

Green (58%)

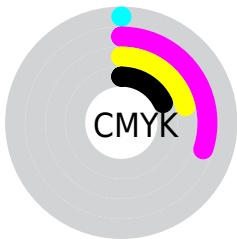
Blue (65%)



Red (82%)

Yellow (58%)

Blue (65%)

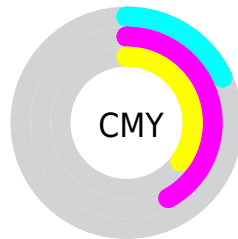


Cyan (0%)

Magenta (30%)

Yellow (21%)

Black (18%)



Cyan (18%)


Magenta (42%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.3222, 0.3593, 0.3055 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 37.3222, 0.3593, 0.3055 by changing the saturation by 10% instead.


 37.3222, 0.3593,
0.3055


 37.3222, 0.3593,
0.3055


334.7034, 0.3352,
0.3177

 25.4571, 0.3656,
0.3023


 71.0681, 0.3503,
0.3100

 16.4179, 0.3739,
0.2982


 93.7175, 0.3470,
0.3117

 9.8204, 0.3852,
0.2925


120.7306, 0.3442,
0.3131

 5.2800, 0.4016,
0.2843

152.4917, 0.3419,
0.3143

 2.4125, 0.4274,
0.2714

189.3851, 0.3399,
0.3153

 0.8323, 0.4739,
0.2482

231.7952, 0.3381,

 0.0000, 1.0000,


0.3162


0.0000


280.1065, 0.3365,
0.3170

 0.0000, 0.0000,
0.0000

 37.3222, 0.3593,
0.3055

 37.3222, 0.3593,
0.3055

 30.8694, 0.3820,
0.2974


 45.0322, 0.3405,
0.3137


 25.6017, 0.4092,
0.2900


 54.0562, 0.3252,
0.3216

 21.4473, 0.4406,
0.2841

 64.4537, 0.3127,
0.3290

 18.3250, 0.4756,
0.2809

 76.2792, 0.3025,
0.3359

 16.1417, 0.5122,
0.2816

 89.5840, 0.2942,
0.3422

■ 14.7879, 0.5473,
0.2868

■ 92.3823, 0.2865,
0.3299

■ 14.0645, 0.5780,
0.2958

■ 92.4433, 0.2860,
0.3289

Harmonies

Analogous

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



37.3222, 0.3201, 0.2802



37.3222, 0.3593, 0.3055



37.3222, 0.3862, 0.3371

Triad

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



37.3222, 0.3593, 0.3055



37.3222, 0.3413, 0.4007



37.3222, 0.2394, 0.2826

Complementary

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



37.3222, 0.3593, 0.3055



56.0660, 0.2810, 0.3541

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.



37.3222, 0.2443, 0.3137



37.3222, 0.3593, 0.3055



37.3222, 0.3016, 0.3860

Square

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



37.3222, 0.3593, 0.3055



37.3222, 0.3746, 0.3929



37.3222, 0.2665, 0.3526



37.3222, 0.2524, 0.2663

Rectangle

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



37.3222, 0.3593, 0.3055



37.3222, 0.3924, 0.3586



37.3222, 0.2665, 0.3526



37.3222, 0.2390, 0.2916

Sweetspot

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



37.3239, 0.3593, 0.3055



85.2308, 0.3240, 0.3223



36.4771, 0.2977, 0.2506



17.7678, 0.3260, 0.3211



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.



37.3239, 0.3593, 0.3055



51.2795, 0.3734, 0.3003



40.4536, 0.3752, 0.3437



11.8660, 0.3244, 0.3220



8.5938, 0.5742, 0.2937



0.4945, 0.5211, 0.2645

Inverse Universe

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



37.3239, 0.3593, 0.3055



51.2795, 0.3734, 0.3003



51.4559, 0.2681, 0.3137



11.8660, 0.3244, 0.3220



8.5938, 0.5742, 0.2937



0.4945, 0.5211, 0.2645

Previews

White Background



This preview shows how the Yxy color 37.3222, 0.3593, 0.3055 looks on a white background.

Color Contrast Check

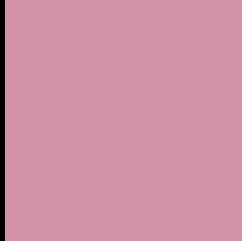
Large Text (above 18pt) WCAG AA × Fail

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 37.3222, 0.3593, 0.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

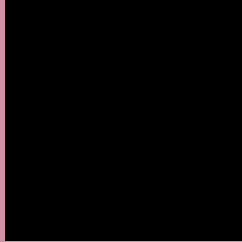
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3222, 0.3593, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 37.3222, 0.3593, 0.3055.



This preview shows how white text looks on a background with the Yxy color 37.3222, 0.3593, 0.3055.

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

37.3222, 0.3593, 0.3055

Protanopia

37.5780, 0.3025, 0.3121

Deuteranopia

37.3004, 0.3296, 0.3222



Tritanopia

37.2383, 0.3653, 0.3153

Trichromacy



Original Color

37.3222, 0.3593, 0.3055

Protanomaly

37.2560, 0.3223, 0.3100

Deuteranomaly

37.3658, 0.3402, 0.3158

Tritanomaly

37.3438, 0.3622, 0.3116

Monochromacy



Original Color

37.3222, 0.3593, 0.3055

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.9989, 0.3286, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3222, 0.3593, 0.3055 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(210, 147, 166)` looks like.

```
.text, #text, p{  
    color:rgb(210, 147, 166)  
}
```

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(210, 147, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 147, 166) }
```

Border

The CSS property to change the border of an element to Yxy 37.3222, 0.3593, 0.3055 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(210, 147, 166) }
```

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

```
.border{ border-color:rgb(210, 147, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 147, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 147, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 147, 166);  
box-shadow:4px 4px 4px 4px rgb(210, 147,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3222, 0.3593, 0.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 147, 166) }
```

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

```
.background{ background-color: rgb(210,  
147, 166) }
```

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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