

Converting Colors

$Yxy(37.0963, 0.3712, 0.3233)$

Have a look what the booklet for
Yxy(37.0963, 0.3712, 0.3233)
contains.

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Color

Yxy(37.0350, 0.3717, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	D19499
RGB	209, 148, 153
RGB Percent	82%, 58%, 60%
CMY	0.1804, 0.4196, 0.4001
CMYK	0.00, 0.29, 0.27, 0.18
HSL	355°, 40%, 70%
HSV	355°, 29%, 82%
XYZ	42.6321, 37.0350, 35.0278
YIQ	166.8090, 34.7510, 14.4870

Conversions

Conversions Part 2

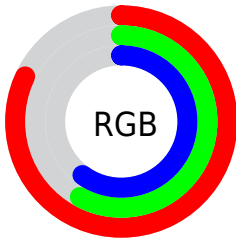
Format	Color
R _Y B	209, 148, 153
Decimal	13735065
CIE Lab	67.30, 23.67, 6.59
CIE LCh	67, 24.572, 15.547
Yxy	37.0350, 0.3717, 0.3229
Android (android.graphics.Color)	4291925145 (0xFFD19499)
YUV	166.8090, -6.8078, 37.0015
Hunter-Lab	60.8564, 18.5471, 8.4732

Details

The Yxy color **37.0350, 0.3717, 0.3229** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.2579, 0.2737, 0.3353**, and the grayscale version is **38.5672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0061, 0.3507, 0.3240**, and **16.2810, 0.3903, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **30.4770, 0.4019, 0.3208**, and if you desaturate by 10%, it is **44.8822, 0.3471, 0.3251**.

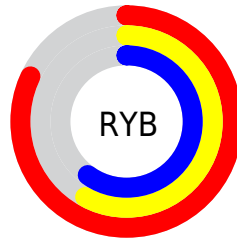
Distribution



Red (82%)

Green (58%)

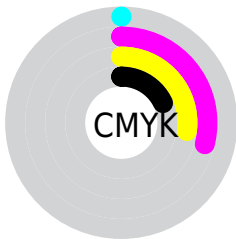
Blue (60%)



Red (82%)

Yellow (58%)

Blue (60%)

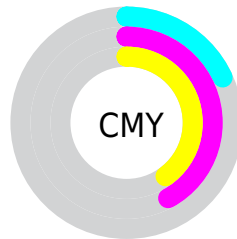


Cyan (0%)

Magenta (29%)

Yellow (27%)

Black (18%)



Cyan (18%)


Magenta (42%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.0350, 0.3717, 0.3229 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 37.0350, 0.3717, 0.3229 by changing the saturation by 10% instead.


 37.0350, 0.3717,
0.3229


 37.0350, 0.3717,
0.3229


333.4620, 0.3409,
0.3266

 25.2346, 0.3799,
0.3218


 70.6266, 0.3602,
0.3244

 16.2519, 0.3906,
0.3202


 93.1866, 0.3559,
0.3249

 9.7026, 0.4054,
0.3178


120.1019, 0.3524,
0.3253

 5.2022, 0.4269,
0.3139

151.7569, 0.3494,
0.3257

 2.3664, 0.4612,
0.3069

188.5361, 0.3468,
0.3259

 0.8085, 0.5420,
0.3014


230.8237, 0.3446,


 0.0000, 1.0000,


0.3262

0.0000

279.0042, 0.3426,
0.3264


 0.0000, 0.0000,
0.0000

 37.0350, 0.3717,
0.3229


 37.0350, 0.3717,
0.3229


 30.4770, 0.4019,
0.3208


 44.8822, 0.3471,
0.3251

 25.1345, 0.4383,
0.3190


 54.0770, 0.3274,
0.3272


 20.9341, 0.4805,
0.3178

 64.6803, 0.3115,
0.3292

 17.7926, 0.5260,
0.3177

 76.7479, 0.2988,
0.3310

 15.6154, 0.5704,
0.3191

 90.3326, 0.2885,
0.3326

■ 14.2911, 0.6069,
0.3220

■ 92.2951, 0.2855,
0.3289

■ 13.6378, 0.6307,
0.3255

■ 13.5956, 0.6321,
0.3256

Harmonies

Analogous

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



37.0350, 0.3402, 0.2953



37.0350, 0.3717, 0.3229



37.0350, 0.3864, 0.3533

Triad

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



37.0350, 0.3717, 0.3229



37.0350, 0.3194, 0.3906



37.0350, 0.2488, 0.2757

Complementary

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



37.0350, 0.3717, 0.3229



56.2579, 0.2737, 0.3353

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.



37.0350, 0.2442, 0.2977



37.0350, 0.3717, 0.3229



37.0350, 0.2835, 0.3664

Square

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



37.0350, 0.3717, 0.3229



37.0350, 0.3549, 0.3947



37.0350, 0.2565, 0.3311



37.0350, 0.2695, 0.2685

Rectangle

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



37.0350, 0.3717, 0.3229



37.0350, 0.3844, 0.3719



37.0350, 0.2565, 0.3311



37.0350, 0.2454, 0.2815

Sweetspot

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



37.0367, 0.3717, 0.3229



84.9373, 0.3273, 0.3272



38.6114, 0.3113, 0.2559



17.6961, 0.3299, 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.



37.0367, 0.3717, 0.3229



51.4595, 0.3898, 0.3216



45.7423, 0.3680, 0.3608



11.8236, 0.3278, 0.3271



8.3887, 0.6303, 0.3246



0.4746, 0.6014, 0.3087

Inverse Universe

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



37.0367, 0.3717, 0.3229



51.4595, 0.3898, 0.3216



45.0093, 0.2671, 0.2949



11.8236, 0.3278, 0.3271



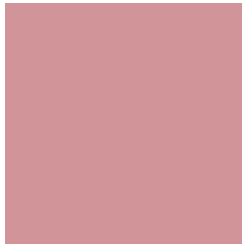
8.3887, 0.6303, 0.3246



0.4746, 0.6014, 0.3087

Previews

White Background



This preview shows how the Yxy color 37.0350, 0.3717, 0.3229 looks on a white background.

Color Contrast Check

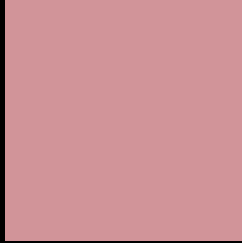
Large Text (above 18pt) WCAG AA × Fail

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 37.0350, 0.3717, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

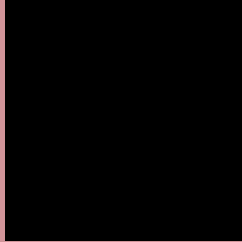
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0350, 0.3717, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 37.0350, 0.3717, 0.3229.



This preview shows how white text looks on a background with the Yxy color 37.0350, 0.3717, 0.3229.

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

37.0350, 0.3717, 0.3229

Protanopia

37.0924, 0.3192, 0.3319

Deuteranopia

37.0024, 0.3462, 0.3387



Tritanopia

37.0377, 0.3677, 0.3154

Trichromacy



Original Color

37.0350, 0.3717, 0.3229

Protanomaly

36.9896, 0.3374, 0.3291

Deuteranomaly

36.8475, 0.3554, 0.3318

Tritanomaly

36.9694, 0.3698, 0.3179

Monochromacy



Original Color

37.0350, 0.3717, 0.3229

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.6953, 0.3323, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0350, 0.3717, 0.3229 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(209, 148, 153)` looks like.

```
.text, #text, p{  
    color:rgb(209, 148, 153)  
}
```

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(209, 148, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 148, 153) }
```

Border

The CSS property to change the border of an element to Yxy 37.0350, 0.3717, 0.3229 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(209, 148, 153) }
```

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

```
.border{ border-color:rgb(209, 148, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 148, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 148, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 148, 153);  
box-shadow:4px 4px 4px 4px rgb(209, 148,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0350, 0.3717, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 148, 153) }
```

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

```
.background{ background-color: rgb(209,  
148, 153) }
```

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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