

Converting Colors

$Yxy(37.5168, 0.3568, 0.3050)$

Have a look what the booklet for
Yxy(37.5168, 0.3568, 0.3050)
contains.

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Color

Yxy(37.5251, 0.3569, 0.3054)

Conversions

Conversions Part 1

Format	Color
Hex	D194A7
RGB	209, 148, 167
RGB Percent	82%, 58%, 65%
CMY	0.1805, 0.4195, 0.3451
CMYK	0.00, 0.29, 0.20, 0.18
HSL	341°, 40%, 70%
HSV	341°, 29%, 82%
XYZ	43.8530, 37.5251, 41.4939
YIQ	168.4050, 30.2570, 18.8410

Conversions

Conversions Part 2

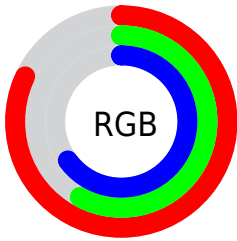
Format	Color
R _Y B	209, 148, 167
Decimal	13735079
CIE Lab	67.67, 25.72, -0.74
CIE LCh	68, 25.726, 358.343
Yxy	37.5251, 0.3569, 0.3054
Android (android.graphics.Color)	4291925159 (0xFFD194A7)
YUV	168.4050, -0.6927, 35.6018
Hunter-Lab	61.2577, 20.5830, 2.7194

Details

The Yxy color **37.5251, 0.3569, 0.3054** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.5997, 0.2822, 0.3541**, and the grayscale version is **39.3603, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2458, 0.3391, 0.3098**, and **16.5595, 0.3701, 0.2989** is the 20% darker color. If you saturate the color by 10%, you get **31.0485, 0.3789, 0.2970**, and if you desaturate by 10%, it is **45.2478, 0.3387, 0.3138**.

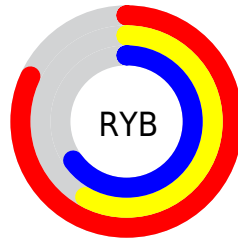
Distribution



Red (82%)

Green (58%)

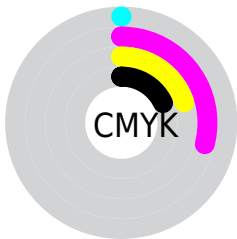
Blue (65%)



Red (82%)

Yellow (58%)

Blue (65%)

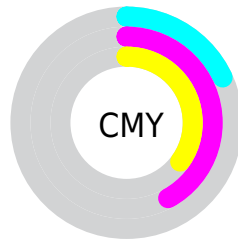


Cyan (0%)

Magenta (29%)

Yellow (20%)

Black (18%)



Cyan (18%)


Magenta (42%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5251, 0.3569, 0.3054 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 37.5251, 0.3569, 0.3054 by changing the saturation by 10% instead.


 37.5251, 0.3569,
0.3054

 37.5251, 0.3569,
0.3054


335.5784, 0.3340,
0.3176

 25.6143, 0.3629,
0.3022


 71.3797, 0.3484,
0.3099

 16.5353, 0.3707,
0.2981


 94.0922, 0.3453,
0.3116

 9.9038, 0.3814,
0.2925


121.1742, 0.3426,
0.3130

 5.3352, 0.3968,
0.2843

153.0099, 0.3404,
0.3142

 2.4452, 0.4211,
0.2716

189.9838, 0.3385,
0.3152

 0.8490, 0.4647,
0.2490

232.4802, 0.3368,

 0.0000, 1.0000,

0.3161

0.0000

280.8836, 0.3353,
0.3169

0.0000, 0.0000,
0.0000

37.5251, 0.3569,
0.3054

37.5251, 0.3569,
0.3054

31.0485, 0.3789,
0.2970

45.2478, 0.3387,
0.3138

25.7471, 0.4052,
0.2892

54.2722, 0.3239,
0.3220

21.5509, 0.4357,
0.2829

64.6566, 0.3118,
0.3296

18.3804, 0.4699,
0.2792

76.4546, 0.3019,
0.3367

16.1451, 0.5058,
0.2793

89.7166, 0.2939,
0.3432

■ 14.7386, 0.5408,
0.2841

■ 92.1834, 0.2863,
0.3306

■ 13.9853, 0.5717,
0.2929

■ 92.2906, 0.2855,
0.3289

■ 13.9334, 0.5742,
0.2937

Harmonies

Analogous

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



37.5251, 0.3188, 0.2810



37.5251, 0.3569, 0.3054



37.5251, 0.3834, 0.3360

Triad

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



37.5251, 0.3569, 0.3054



37.5251, 0.3416, 0.3985



37.5251, 0.2414, 0.2848

Complementary

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



37.5251, 0.3569, 0.3054



55.5997, 0.2822, 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.



37.5251, 0.2467, 0.3153



37.5251, 0.3569, 0.3054



37.5251, 0.3031, 0.3848

Square

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



37.5251, 0.3569, 0.3054



37.5251, 0.3735, 0.3905



37.5251, 0.2687, 0.3529



37.5251, 0.2535, 0.2684

Rectangle

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



37.5251, 0.3569, 0.3054



37.5251, 0.3899, 0.3570



37.5251, 0.2687, 0.3529



37.5251, 0.2412, 0.2936

Sweetspot

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



37.5268, 0.3569, 0.3054



85.2452, 0.3238, 0.3220



36.6922, 0.2982, 0.2530



17.7713, 0.3258, 0.3209



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.



37.5268, 0.3569, 0.3054



52.3167, 0.3701, 0.3001



40.5522, 0.3730, 0.3432



11.8680, 0.3242, 0.3218



8.6096, 0.5704, 0.2916



0.4956, 0.5176, 0.2625

Inverse Universe

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



37.5268, 0.3569, 0.3054



52.3167, 0.3701, 0.3001



51.1936, 0.2692, 0.3142



11.8680, 0.3242, 0.3218



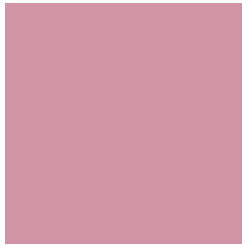
8.6096, 0.5704, 0.2916



0.4956, 0.5176, 0.2625

Previews

White Background



This preview shows how the Yxy color 37.5251, 0.3569, 0.3054 looks on a white background.

Color Contrast Check

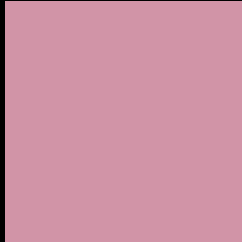
Large Text (above 18pt) WCAG AA × Fail

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 37.5251, 0.3569, 0.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

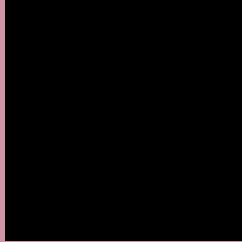
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.5251, 0.3569, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 37.5251, 0.3569, 0.3054.



This preview shows how white text looks on a background with the Yxy color 37.5251, 0.3569, 0.3054.

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

37.5251, 0.3569, 0.3054

Protanopia

37.7246, 0.3026, 0.3108

Deuteranopia

37.6820, 0.3285, 0.3222



Tritanopia

37.4780, 0.3619, 0.3140

Trichromacy



Original Color

37.5251, 0.3569, 0.3054

Protanomaly

37.2946, 0.3214, 0.3087

Deuteranomaly

37.6065, 0.3381, 0.3158

Tritanomaly

37.5491, 0.3598, 0.3115

Monochromacy



Original Color

37.5251, 0.3569, 0.3054

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.3842, 0.3276, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5251, 0.3569, 0.3054 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(209, 148, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 148, 167) }
```

Border

The CSS property to change the border of an element to Yxy 37.5251, 0.3569, 0.3054 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, 167) }
```

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

```
.border{ border-color:rgb(209, 148, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 148, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 148, 167);  
box-shadow:4px 4px 4px 4px rgb(209, 148,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5251, 0.3569, 0.3054 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, 167) }
```

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

```
.background{ background-color: rgb(209,  
148, 167) }
```

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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