

Converting Colors

$Yxy(40.7494, 0.3388, 0.2957)$

Have a look what the booklet for
Yxy(40.7494, 0.3388, 0.2957)
contains.

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Color

Yxy(40.7511, 0.3394, 0.2960)

Conversions

Conversions Part 1

Format	Color
Hex	D19CB7
RGB	209, 156, 183
RGB Percent	82%, 61%, 72%
CMY	0.1804, 0.3882, 0.2824
CMYK	0.00, 0.25, 0.12, 0.18
HSL	329°, 37%, 72%
HSV	329°, 25%, 82%
XYZ	46.7261, 40.7511, 50.1954
YIQ	174.9250, 22.9210, 19.6330

Conversions

Conversions Part 2

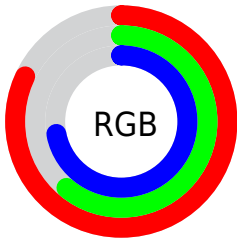
Format	Color
R _Y B	209, 156, 183
Decimal	13737143
CIE Lab	70.00, 23.92, -6.22
CIE LCh	70, 24.720, 345.419
Yxy	40.7511, 0.3394, 0.2960
Android (android.graphics.Color)	4291927223 (0xFFD19CB7)
YUV	174.9250, 3.9810, 29.8838
Hunter-Lab	63.8366, 18.9416, -1.9348

Details

The Yxy color **40.7511, 0.3394, 0.2960** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.0415, 0.2925, 0.3646**, and the grayscale version is **42.7995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0805, 0.3258, 0.3012**, and **18.3824, 0.3476, 0.2864** is the 20% darker color. If you saturate the color by 10%, you get **33.9199, 0.3537, 0.2824**, and if you desaturate by 10%, it is **48.8238, 0.3274, 0.3095**.

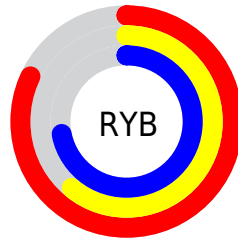
Distribution



Red (82%)

Green (61%)

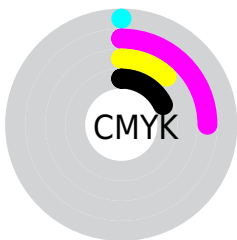
Blue (72%)



Red (82%)

Yellow (61%)

Blue (72%)

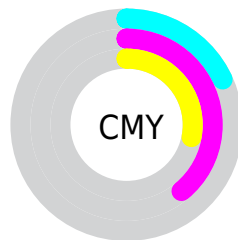


Cyan (0%)

Magenta (25%)

Yellow (12%)

Black (18%)



Cyan (18%)


Magenta (39%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.7511, 0.3394, 0.2960 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 40.7511, 0.3394, 0.2960 by changing the saturation by 10% instead.

 40.7511, 0.3394,
0.2960


 40.7511, 0.3394,
0.2960


349.2793, 0.3260,
0.3125

 28.1246, 0.3428,
0.2919


 76.3059, 0.3345,
0.3020

 18.4196, 0.3471,
0.2867


 100.0031, 0.3327,
0.3042

 11.2517, 0.3530,
0.2797


128.1592, 0.3311,
0.3061

 6.2364, 0.3612,
0.2700

161.1588, 0.3298,
0.3077

 2.9893, 0.3736,
0.2557

199.3862, 0.3286,
0.3092

 1.1262, 0.3944,
0.2322

243.2258, 0.3276,

 0.0001, 0.5730,

0.3104

0.0001

293.0621, 0.3268,
0.3115

0.0000, 0.0000,
0.0000

40.7511, 0.3394,
0.2960

40.7511, 0.3394,
0.2960

33.9199, 0.3537,
0.2824

48.8238, 0.3274,
0.3095

28.2622, 0.3706,
0.2692

58.1905, 0.3173,
0.3224

23.7119, 0.3899,
0.2574

68.9072, 0.3091,
0.3346

20.1941, 0.4116,
0.2480

81.0252, 0.3022,
0.3459

17.6245, 0.4351,
0.2423

91.0295, 0.2965,
0.3507

■ 15.9051, 0.4593,
0.2415

■ 91.6372, 0.2910,
0.3398

■ 14.9163, 0.4829,
0.2461

■ 92.2796, 0.2856,
0.3291

■ 14.6027, 0.4937,
0.2494

■ 92.2934, 0.2855,
0.3289

Harmonies

Analogous

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



40.7511, 0.3026, 0.2770



40.7511, 0.3394, 0.2960



40.7511, 0.3701, 0.3230

Triad

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



40.7511, 0.3394, 0.2960



40.7511, 0.3540, 0.3930



40.7511, 0.2459, 0.2987

Complementary

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



40.7511, 0.3394, 0.2960



56.0415, 0.2925, 0.3646

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.



40.7511, 0.2579, 0.3313



40.7511, 0.3394, 0.2960



40.7511, 0.3195, 0.3890

Square

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



40.7511, 0.3394, 0.2960



40.7511, 0.3783, 0.3786



40.7511, 0.2844, 0.3656



40.7511, 0.2503, 0.2771

Rectangle

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



40.7511, 0.3394, 0.2960



40.7511, 0.3819, 0.3428



40.7511, 0.2844, 0.3656



40.7511, 0.2481, 0.3087

Sweetspot

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



40.7529, 0.3394, 0.2960



87.0397, 0.3199, 0.3189



38.2825, 0.2911, 0.2616



18.1415, 0.3214, 0.3170



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.



40.7529, 0.3394, 0.2960



58.3336, 0.3463, 0.2892



39.7653, 0.3651, 0.3280



11.9073, 0.3212, 0.3172



9.0249, 0.4906, 0.2476



0.5206, 0.4512, 0.2259

Inverse Universe

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



40.7529, 0.3394, 0.2960



58.3336, 0.3463, 0.2892



57.2227, 0.2763, 0.3300



11.9073, 0.3212, 0.3172



9.0249, 0.4906, 0.2476



0.5206, 0.4512, 0.2259

Previews

White Background



This preview shows how the Yxy color 40.7511, 0.3394, 0.2960 looks on a white background.

Color Contrast Check

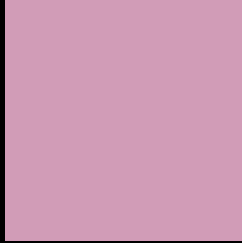
Large Text (above 18pt) WCAG AA × Fail

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 40.7511, 0.3394, 0.2960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

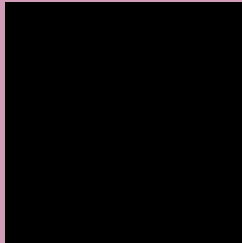
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.7511, 0.3394, 0.2960

Background



This preview shows how black text looks on a background with the Yxy color 40.7511, 0.3394, 0.2960.



This preview shows how white text looks on a background with the Yxy color 40.7511, 0.3394, 0.2960.

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

40.7511, 0.3394, 0.2960

Protanopia

40.8801, 0.2932, 0.2993

Deuteranopia

40.7990, 0.3164, 0.3092



Tritanopia

40.6214, 0.3496, 0.3141

Trichromacy



Original Color

40.7511, 0.3394, 0.2960

Protanomaly

40.6517, 0.3087, 0.2976

Deuteranomaly

40.5555, 0.3243, 0.3033

Tritanomaly

40.6190, 0.3460, 0.3068

Monochromacy



Original Color

40.7511, 0.3394, 0.2960

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.7844, 0.3216, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7511, 0.3394, 0.2960 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, 156, 183)` looks like.

```
.text, #text, p{  
    color:rgb(209, 156, 183)  
}
```

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, 156, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 156, 183) }
```

Border

The CSS property to change the border of an element to Yxy 40.7511, 0.3394, 0.2960 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, 156, 183) }
```

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

```
.border{ border-color:rgb(209, 156, 183) }
```

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

Here you see how a box with a 4 pixel rgb(209, 156, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 156, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 156, 183);  
box-shadow:4px 4px 4px 4px rgb(209, 156,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7511, 0.3394, 0.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 156, 183) }
```

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

```
.background{ background-color: rgb(209,  
156, 183) }
```

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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