

Converting Colors

$Yxy(39.7532, 0.3241, 0.2900)$

Have a look what the booklet for
Yxy(39.7532, 0.3241, 0.2900)
contains.

Yxy(39.7505, 0.3241, 0.2900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.7505, 0.3241, 0.2900)

Conversions

Conversions Part 1

Format	Color
Hex	C69DBC
RGB	198, 157, 188
RGB Percent	78%, 62%, 74%
CMY	0.2234, 0.3843, 0.2628
CMYK	0.00, 0.21, 0.05, 0.22
HSL	315°, 26%, 70%
HSV	315°, 21%, 78%
XYZ	44.4246, 39.7505, 52.8956
YIQ	172.7930, 14.4850, 18.3330

Conversions

Conversions Part 2

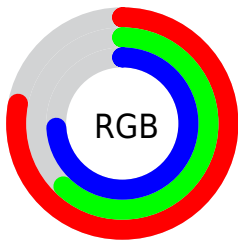
Format	Color
R_{YB}	198, 157, 188
Decimal	13016508
CIE _{Lab}	69.29, 20.39, -10.17
CIE _{LCh}	69, 22.789, 333.498
Yxy	39.7505, 0.3241, 0.2900
Android (android.graphics.Color)	4291206588 (0xFFC69DBC)
YUV	172.7930, 7.4971, 22.1065
Hunter-Lab	63.0480, 15.4399, -5.6091

Details

The Yxy color **39.7505, 0.3241, 0.2900** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.3571, 0.3030, 0.3714**, and the grayscale version is **41.6350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8786, 0.3222, 0.2974**, and **17.7817, 0.3272, 0.2780** is the 20% darker color. If you saturate the color by 10%, you get **33.3804, 0.3309, 0.2706**, and if you desaturate by 10%, it is **47.2170, 0.3182, 0.3092**.

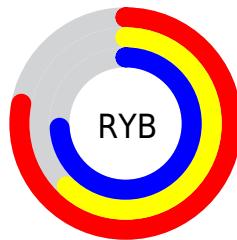
Distribution



Red (78%)

Green (62%)

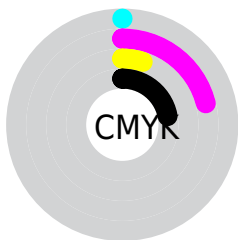
Blue (74%)



Red (78%)

Yellow (62%)

Blue (74%)

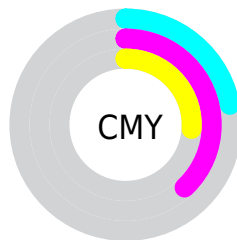


Cyan (0%)

Magenta (21%)

Yellow (5%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.7505, 0.3241, 0.2900 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 39.7505, 0.3241, 0.2900 by changing the saturation by 10% instead.


 39.7505, 0.3241,
0.2900


 39.7505, 0.3241,
0.2900


345.0708, 0.3185,
0.3094

 27.3441, 0.3254,
0.2852


 74.7834, 0.3221,
0.2970

 17.8318, 0.3271,
0.2790


 98.1787, 0.3214,
0.2997

 10.8293, 0.3294,
0.2709


126.0058, 0.3207,
0.3019

 5.9522, 0.3324,
0.2596

158.6489, 0.3202,
0.3038

 2.8160, 0.3367,
0.2429

196.4926, 0.3197,
0.3055

 1.0364, 0.3433,
0.2159

239.9212, 0.3193,

 0.0000, 0.4036,

0.3070

0.0000

289.3192, 0.3189,
0.3083

0.0000, 0.0000,
0.0000

39.7505, 0.3241,
0.2900

39.7505, 0.3241,
0.2900

33.3804, 0.3309,
0.2706

47.2170, 0.3182,
0.3092

28.0492, 0.3387,
0.2515

55.8234, 0.3131,
0.3277

23.7021, 0.3473,
0.2338

65.6174, 0.3087,
0.3452

20.2769, 0.3566,
0.2183

76.6422, 0.3051,
0.3616

17.7046, 0.3663,
0.2060

88.2929, 0.3020,
0.3757

■ 15.9063, 0.3763,
0.1979

■ 88.5416, 0.2994,
0.3703

■ 14.7884, 0.3860,
0.1945

■ 88.7977, 0.2967,
0.3648

■ 14.1960, 0.3948,
0.1949

■ 89.0612, 0.2941,
0.3594

■ 89.3323, 0.2916,
0.3541

Harmonies

Analogous

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



39.7505, 0.2905, 0.2763



39.7505, 0.3241, 0.2900



39.7505, 0.3561, 0.3129

Triad

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



39.7505, 0.3241, 0.2900



39.7505, 0.3618, 0.3850



39.7505, 0.2530, 0.3122

Complementary

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



39.7505, 0.3241, 0.2900



50.3571, 0.3030, 0.3714

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.



39.7505, 0.2702, 0.3443



39.7505, 0.3241, 0.2900



39.7505, 0.3325, 0.3883

Square

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



39.7505, 0.3241, 0.2900



39.7505, 0.3782, 0.3667



39.7505, 0.2989, 0.3733



39.7505, 0.2510, 0.2872

Rectangle

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



39.7505, 0.3241, 0.2900



39.7505, 0.3714, 0.3310



39.7505, 0.2989, 0.3733



39.7505, 0.2572, 0.3225

Sweetspot

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



39.7523, 0.3241, 0.2900



90.3848, 0.3157, 0.3179



36.3608, 0.2867, 0.2736



19.1320, 0.3160, 0.3166



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.



39.7523, 0.3241, 0.2900



64.8861, 0.3272, 0.2809



38.9472, 0.3430, 0.3150



10.7705, 0.3174, 0.3117



9.2440, 0.3936, 0.1942



0.4486, 0.3754, 0.1842

Inverse Universe

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



39.7523, 0.3241, 0.2900



64.8861, 0.3272, 0.2809



51.1569, 0.2893, 0.3436



10.7705, 0.3174, 0.3117



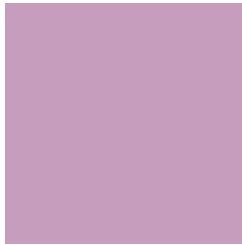
9.2440, 0.3936, 0.1942



0.4486, 0.3754, 0.1842

Previews

White Background



This preview shows how the Yxy color 39.7505, 0.3241, 0.2900 looks on a white background.

Color Contrast Check

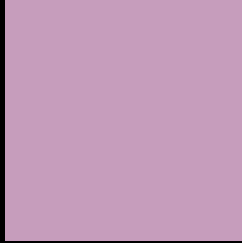
Large Text (above 18pt) WCAG AA × Fail

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 39.7505, 0.3241, 0.2900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

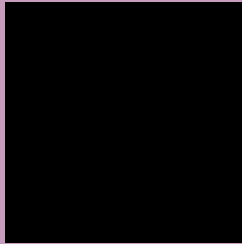
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7505, 0.3241, 0.2900

Background



This preview shows how black text looks on a background with the Yxy color 39.7505, 0.3241, 0.2900.



This preview shows how white text looks on a background with the Yxy color 39.7505, 0.3241, 0.2900.

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

39.7505, 0.3241, 0.2900

Protanopia

39.9447, 0.2883, 0.2925

Deuteranopia

39.9204, 0.3067, 0.3010



Tritanopia

39.8559, 0.3366, 0.3136

Trichromacy



Original Color

39.7505, 0.3241, 0.2900

Protanomaly

39.7038, 0.3009, 0.2919

Deuteranomaly

39.7428, 0.3124, 0.2963

Tritanomaly

39.8809, 0.3321, 0.3047

Monochromacy



Original Color

39.7505, 0.3241, 0.2900

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.7969, 0.3171, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7505, 0.3241, 0.2900 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(198, 157, 188)` looks like.

```
.text, #text, p{  
  color:rgb(198, 157, 188)  
}
```

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(198, 157, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 157, 188) }
```

Border

The CSS property to change the border of an element to Yxy 39.7505, 0.3241, 0.2900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

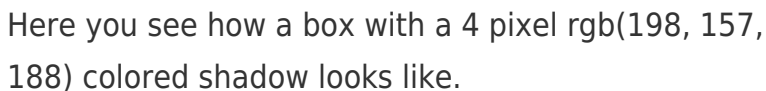
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 157, 188) }
```

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

```
.border{ border-color:rgb(198, 157, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 157, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 157, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 157, 188); box-shadow:4px 4px 4px 4px rgb(198, 157, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7505, 0.3241, 0.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 157, 188) }
```

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

```
.background{ background-color: rgb(198,  
157, 188) }
```

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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