

Converting Colors

$Y_{xy}(39.6549, 0.33334, 0.2744)$

Have a look what the booklet for
Yxy(39.6549, 0.3334, 0.2744)
contains.

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Color

Yxy(39.7312, 0.3337, 0.2744)

Conversions

Conversions Part 1

Format	Color
Hex	D695C3
RGB	214, 149, 195
RGB Percent	84%, 58%, 76%
CMY	0.1610, 0.4156, 0.2353
CMYK	0.00, 0.30, 0.09, 0.16
HSL	318°, 44%, 71%
HSV	318°, 30%, 84%
XYZ	48.3174, 39.7312, 56.7444
YIQ	173.6790, 23.9740, 28.0860

Conversions

Conversions Part 2

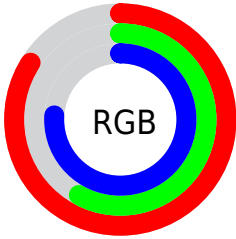
Format	Color
R _Y B	214, 149, 195
Decimal	14063043
CIE Lab	69.28, 31.47, -13.92
CIE LCh	69, 34.412, 336.145
Yxy	39.7312, 0.3337, 0.2744
Android (android.graphics.Color)	4292253123 (0xFFD695C3)
YUV	173.6790, 10.5113, 35.3615
Hunter-Lab	63.0327, 26.5212, -9.2522

Details

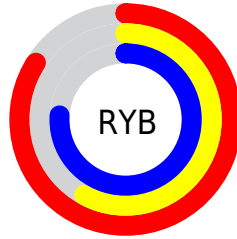
The Yxy color **39.7312, 0.3337, 0.2744** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.2879, 0.2967, 0.3908**, and the grayscale version is **42.0906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4740, 0.3171, 0.2819**, and **17.7416, 0.3393, 0.2597** is the 20% darker color. If you saturate the color by 10%, you get **33.2950, 0.3429, 0.2563**, and if you desaturate by 10%, it is **47.4264, 0.3257, 0.2928**.

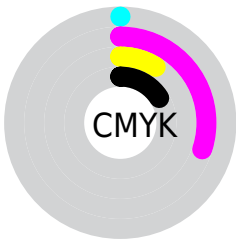
Distribution



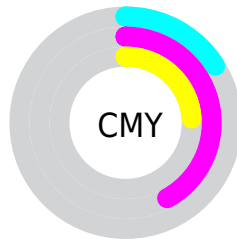
- Red (84%)
- Green (58%)
- Blue (76%)



- Red (84%)
- Yellow (58%)
- Blue (76%)



- Cyan (0%)
- Magenta (30%)
- Yellow (9%)
- Black (16%)





- Cyan (16%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7312, 0.3337, 0.2744 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 39.7312, 0.3337, 0.2744 by changing the saturation by 10% instead.


 39.7312, 0.3337,
0.2744


 39.7312, 0.3337,
0.2744


344.9893, 0.3235,
0.3012

 27.3290, 0.3361,
0.2679


 74.7540, 0.3301,
0.2840

 17.8205, 0.3392,
0.2597


 98.1435, 0.3287,
0.2876

 10.8212, 0.3432,
0.2489


125.9641, 0.3275,
0.2907

 5.9467, 0.3486,
0.2342

158.6004, 0.3265,
0.2934

 2.8127, 0.3562,
0.2132

196.4366, 0.3256,
0.2957

 1.0348, 0.3676,
0.1807

239.8573, 0.3248,

 0.0000, 0.4387,

0.2977

0.0000

289.2467, 0.3241,
0.2995

■ 0.0000, 0.0000,
0.0000

■ 39.7312, 0.3337,
0.2744

■ 39.7312, 0.3337,
0.2744

■ 33.2950, 0.3429,
0.2563

■ 47.4264, 0.3257,
0.2928

■ 28.0442, 0.3532,
0.2393

■ 56.4383, 0.3188,
0.3110

■ 23.9056, 0.3645,
0.2245


■ 66.8277, 0.3129,
0.3284

■ 20.7958, 0.3765,
0.2129


■ 78.6496, 0.3079,
0.3449


■ 18.6196, 0.3889,
0.2056

■ 91.3128, 0.3038,
0.3592


 17.2639, 0.4011,
0.2030

 91.6626, 0.3004,
0.3525

 16.5380, 0.4127,
0.2047

 92.0251, 0.2970,
0.3458

 92.4004, 0.2936,
0.3393

 92.7886, 0.2902,
0.3328

Harmonies

Analogous

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



39.7312, 0.2829, 0.2534



39.7312, 0.3337, 0.2744



39.7312, 0.3819, 0.3077

Triad

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



39.7312, 0.3337, 0.2744



39.7312, 0.3820, 0.4142



39.7312, 0.2237, 0.2980

Complementary

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



39.7312, 0.3337, 0.2744



57.2879, 0.2967, 0.3908

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.



39.7312, 0.2460, 0.3470



39.7312, 0.3337, 0.2744



39.7312, 0.3365, 0.4198

Square

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



39.7312, 0.3337, 0.2744



39.7312, 0.4101, 0.3859



39.7312, 0.2867, 0.3945



39.7312, 0.2231, 0.2635

Rectangle

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



39.7312, 0.3337, 0.2744



39.7312, 0.4041, 0.3337



39.7312, 0.2867, 0.3945



39.7312, 0.2288, 0.3133

Sweetspot

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



39.7330, 0.3337, 0.2744



85.7971, 0.3180, 0.3132



34.6190, 0.2745, 0.2442



17.9072, 0.3189, 0.3106



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.



39.7330, 0.3337, 0.2744



53.1372, 0.3391, 0.2634



38.4412, 0.3658, 0.3118



12.5680, 0.3182, 0.3126



10.0202, 0.4110, 0.2038



0.6185, 0.3918, 0.1932

Inverse Universe

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



39.7330, 0.3337, 0.2744



53.1372, 0.3391, 0.2634



58.6257, 0.2774, 0.3471



12.5680, 0.3182, 0.3126



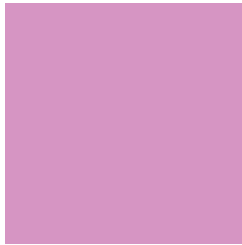
10.0202, 0.4110, 0.2038



0.6185, 0.3918, 0.1932

Previews

White Background



This preview shows how the Yxy color 39.7312, 0.3337, 0.2744 looks on a white background.

Color Contrast Check

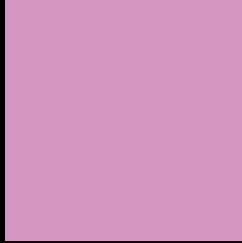
Large Text (above 18pt) WCAG AA × Fail

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 39.7312, 0.3337, 0.2744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

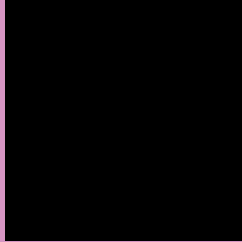
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7312, 0.3337, 0.2744

Background



This preview shows how black text looks on a background with the Yxy color 39.7312, 0.3337, 0.2744.



This preview shows how white text looks on a background with the Yxy color 39.7312, 0.3337, 0.2744.

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

39.7312, 0.3337, 0.2744

Protanopia

40.0329, 0.2747, 0.2757

Deuteranopia

39.8300, 0.2991, 0.2931



Tritanopia

39.5660, 0.3575, 0.3142

Trichromacy



Original Color

39.7312, 0.3337, 0.2744

Protanomaly

39.5048, 0.2946, 0.2748

Deuteranomaly

39.4653, 0.3110, 0.2854

Tritanomaly

39.4797, 0.3479, 0.2984

Monochromacy



Original Color

39.7312, 0.3337, 0.2744

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.1065, 0.3202, 0.3069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7312, 0.3337, 0.2744 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(214, 149, 195)` looks like.

```
.text, #text, p{  
    color:rgb(214, 149, 195)  
}
```

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(214, 149, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 149, 195) }
```

Border

The CSS property to change the border of an element to Yxy 39.7312, 0.3337, 0.2744 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(214, 149, 195) }
```

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

```
.border{ border-color:rgb(214, 149, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 149, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 149, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 149, 195);  
box-shadow:4px 4px 4px 4px rgb(214, 149,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7312, 0.3337, 0.2744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 149, 195) }
```

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

```
.background{ background-color: rgb(214,  
149, 195) }
```

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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