

Converting Colors

$Yxy(39.1790, 0.3348, 0.2788)$

Have a look what the booklet for
Yxy(39.1790, 0.3348, 0.2788)
contains.

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Color

Yxy(39.1054, 0.3347, 0.2784)

Conversions

Conversions Part 1

Format	Color
Hex	D395BF
RGB	211, 149, 191
RGB Percent	83%, 58%, 75%
CMY	0.1725, 0.4157, 0.2511
CMYK	0.00, 0.29, 0.09, 0.17
HSL	319°, 41%, 71%
HSV	319°, 29%, 83%
XYZ	47.0136, 39.1054, 54.3458
YIQ	172.3260, 23.4700, 26.2060

Conversions

Conversions Part 2

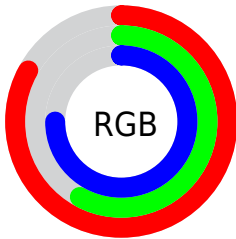
Format	Color
R_{YB}	211, 149, 191
Decimal	13866431
CIE _{Lab}	68.83, 29.79, -12.39
CIE _{LCh}	69, 32.265, 337.412
Yxy	39.1054, 0.3347, 0.2784
Android (android.graphics.Color)	4292056511 (0xFFD395BF)
YUV	172.3260, 9.2063, 33.9171
Hunter-Lab	62.5343, 24.7620, -7.7523

Details

The Yxy color **39.1054, 0.3347, 0.2784** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.8461, 0.2960, 0.3857**, and the grayscale version is **41.3729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1611, 0.3206, 0.2866**, and **17.4523, 0.3407, 0.2634** is the 20% darker color. If you saturate the color by 10%, you get **32.7309, 0.3447, 0.2609**, and if you desaturate by 10%, it is **46.7069, 0.3260, 0.2961**.

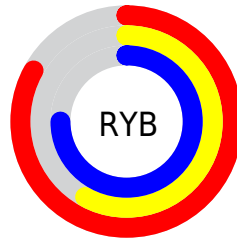
Distribution



Red (83%)

Green (58%)

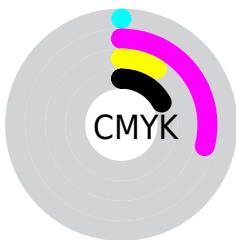
Blue (75%)



Red (83%)

Yellow (58%)

Blue (75%)

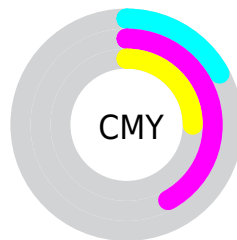


Cyan (0%)

Magenta (29%)

Yellow (9%)

Black (17%)



Cyan (17%)


Magenta (42%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1054, 0.3347, 0.2784 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 39.1054, 0.3347, 0.2784 by changing the saturation by 10% instead.

 39.1054, 0.3347,
0.2784


 39.1054, 0.3347,
0.2784


342.3384, 0.3239,
0.3034

 26.8417, 0.3373,
0.2723


 73.7993, 0.3308,
0.2874

 17.4544, 0.3407,
0.2645


 96.9983, 0.3293,
0.2908

 10.5590, 0.3451,
0.2543


124.6113, 0.3281,
0.2937

 5.7711, 0.3511,
0.2402

157.0225, 0.3270,
0.2961

 2.7064, 0.3597,
0.2199

194.6164, 0.3261,
0.2983

 0.9805, 0.3732,
0.1880

237.7775, 0.3253,


 0.0000, 0.4544,


0.3002

0.0000


286.8900, 0.3245,
0.3019


 0.0000, 0.0000,
0.0000

 39.1054, 0.3347,
0.2784

 39.1054, 0.3347,
0.2784


 32.7309, 0.3447,
0.2609


 46.7069, 0.3260,
0.2961


 27.5126, 0.3560,
0.2444


 55.5907, 0.3186,
0.3134

 23.3804, 0.3685,
0.2299

 65.8152, 0.3124,
0.3300

 20.2548, 0.3820,
0.2185

 77.4335, 0.3071,
0.3456

 18.0448, 0.3960,
0.2112

 90.4959, 0.3027,
0.3601

■ 16.6433, 0.4100,
0.2088

■ 91.1883, 0.2990,
0.3532

■ 15.8687, 0.4236,
0.2110

■ 91.5830, 0.2953,
0.3460

■ 15.8276, 0.4245,
0.2112

■ 91.9928, 0.2916,
0.3388

■ 92.4181, 0.2880,
0.3317

Harmonies

Analogous

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



39.1054, 0.2866, 0.2578



39.1054, 0.3347, 0.2784



39.1054, 0.3795, 0.3105

Triad

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



39.1054, 0.3347, 0.2784



39.1054, 0.3768, 0.4102



39.1054, 0.2280, 0.2983

Complementary

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



39.1054, 0.3347, 0.2784



55.8461, 0.2960, 0.3857

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.



39.1054, 0.2485, 0.3440



39.1054, 0.3347, 0.2784



39.1054, 0.3334, 0.4138

Square

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



39.1054, 0.3347, 0.2784



39.1054, 0.4040, 0.3846



39.1054, 0.2864, 0.3889



39.1054, 0.2282, 0.2662

Rectangle

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



39.1054, 0.3347, 0.2784



39.1054, 0.3997, 0.3354



39.1054, 0.2864, 0.3889



39.1054, 0.2326, 0.3125

Sweetspot

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



39.1072, 0.3347, 0.2784



85.7530, 0.3184, 0.3139



34.5958, 0.2778, 0.2477



17.8963, 0.3194, 0.3114



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.



39.1072, 0.3347, 0.2784



53.9419, 0.3405, 0.2678



37.8978, 0.3656, 0.3150



11.9414, 0.3186, 0.3134



9.5711, 0.4225, 0.2101



0.5493, 0.3994, 0.1974

Inverse Universe

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



39.1072, 0.3347, 0.2784



53.9419, 0.3405, 0.2678



57.1334, 0.2772, 0.3437



11.9414, 0.3186, 0.3134



9.5711, 0.4225, 0.2101



0.5493, 0.3994, 0.1974

Previews

White Background



This preview shows how the Yxy color 39.1054, 0.3347, 0.2784 looks on a white background.

Color Contrast Check

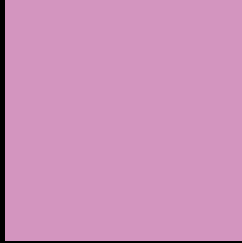
Large Text (above 18pt) WCAG AA × Fail

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 39.1054, 0.3347, 0.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

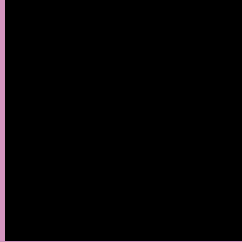
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1054, 0.3347, 0.2784

Background



This preview shows how black text looks on a background with the Yxy color 39.1054, 0.3347, 0.2784.



This preview shows how white text looks on a background with the Yxy color 39.1054, 0.3347, 0.2784.

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

39.1054, 0.3347, 0.2784

Protanopia

39.5263, 0.2789, 0.2806

Deuteranopia

39.2957, 0.3024, 0.2968



Tritanopia

39.2377, 0.3565, 0.3153

Trichromacy



Original Color

39.1054, 0.3347, 0.2784

Protanomaly

38.8488, 0.2969, 0.2782

Deuteranomaly

39.1618, 0.3136, 0.2902

Tritanomaly

39.0678, 0.3489, 0.3018

Monochromacy



Original Color

39.1054, 0.3347, 0.2784

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.2447, 0.3202, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1054, 0.3347, 0.2784 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(211, 149, 191)` looks like.

```
.text, #text, p{  
    color:rgb(211, 149, 191)  
}
```

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(211, 149, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 149, 191) }
```

Border

The CSS property to change the border of an element to Yxy 39.1054, 0.3347, 0.2784 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(211, 149, 191) }
```

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

```
.border{ border-color:rgb(211, 149, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 149, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 149, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 149, 191);  
box-shadow:4px 4px 4px 4px rgb(211, 149,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1054, 0.3347, 0.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 149, 191) }
```

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

```
.background{ background-color: rgb(211,  
149, 191) }
```

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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