

Converting Colors

$Yxy(39.4001, 0.3184, 0.2487)$

Have a look what the booklet for
Yxy(39.4001, 0.3184, 0.2487)
contains.

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Color

Yxy(39.4005, 0.3184, 0.2487)

Conversions

Conversions Part 1

Format	Color
Hex	D890D6
RGB	216, 144, 214
RGB Percent	85%, 56%, 84%
CMY	0.1528, 0.4354, 0.1607
CMYK	0.00, 0.33, 0.01, 0.15
HSL	302°, 48%, 71%
HSV	302°, 33%, 85%
XYZ	50.4428, 39.4005, 68.5825
YIQ	173.5080, 20.4420, 37.0340

Conversions

Conversions Part 2

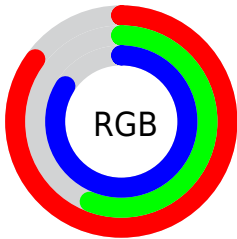
Format	Color
R _Y B	216, 144, 214
Decimal	14192854
CIE Lab	69.04, 38.26, -24.82
CIE LCh	69, 45.607, 327.029
Yxy	39.4005, 0.3184, 0.2487
Android (android.graphics.Color)	4292382934 (0xFFD890D6)
YUV	173.5080, 19.9626, 37.2655
Hunter-Lab	62.7698, 33.5981, -20.8416

Details

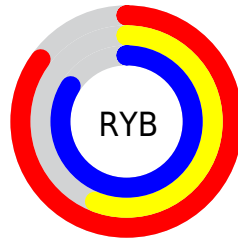
The Yxy color **39.4005, 0.3184, 0.2487** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.1390, 0.3069, 0.4250**, and the grayscale version is **41.9516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3268, 0.3153, 0.2742**, and **17.6311, 0.3187, 0.2286** is the 20% darker color. If you saturate the color by 10%, you get **33.4424, 0.3202, 0.2259**, and if you desaturate by 10%, it is **46.6143, 0.3166, 0.2727**.

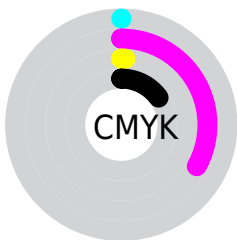
Distribution



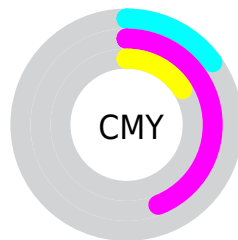
- Red (85%)
- Green (56%)
- Blue (84%)



- Red (85%)
- Yellow (56%)
- Blue (84%)



- Cyan (0%)
- Magenta (33%)
- Yellow (1%)
- Black (15%)




- Cyan (15%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4005, 0.3184, 0.2487 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 39.4005, 0.3184, 0.2487 by changing the saturation by 10% instead.


 39.4005, 0.3184,
0.2487


 39.4005, 0.3184,
0.2487


343.5903, 0.3166,
0.2871

 27.0714, 0.3186,
0.2397

 74.2497, 0.3180,
0.2623

 17.6269, 0.3186,
0.2284


 97.5387, 0.3177,
0.2675

 10.6824, 0.3184,
0.2139


125.2498, 0.3175,
0.2719

 5.8537, 0.3177,
0.1948

157.7673, 0.3173,
0.2758

 2.7563, 0.3156,
0.1687

195.4758, 0.3171,
0.2792

 1.0059, 0.3102,
0.1313

238.7595, 0.3169,

 0.0000, 0.3189,

0.2821

0.0000

288.0028, 0.3167,
0.2848

■ 0.0000, 0.0000,
0.0000

■ 39.4005, 0.3184,
0.2487

■ 39.4005, 0.3184,
0.2487

■ 33.4424, 0.3202,
0.2259

■ 46.6143, 0.3166,
0.2727

■ 28.6633, 0.3220,
0.2053

■ 55.1447, 0.3149,
0.2971

■ 24.9858, 0.3237,
0.1878


■ 65.0548, 0.3132,
0.3211


■ 22.3215, 0.3252,
0.1742


■ 76.4019, 0.3117,
0.3442


■ 20.5682, 0.3264,
0.1649


■ 89.2404, 0.3104,
0.3660

 19.6025, 0.3275,
0.1598

 91.1706, 0.3099,
0.3683

 19.2589, 0.3281,
0.1581

 91.2023, 0.3095,
0.3677

 91.2341, 0.3092,
0.3670

 91.2661, 0.3089,
0.3664

Harmonies

Analogous

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



39.4005, 0.2554, 0.2279



39.4005, 0.3184, 0.2487



39.4005, 0.3867, 0.2863

Triad

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



39.4005, 0.3184, 0.2487



39.4005, 0.4166, 0.4300



39.4005, 0.2033, 0.3042

Complementary

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



39.4005, 0.3184, 0.2487



57.1390, 0.3069, 0.4250

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.



39.4005, 0.2386, 0.3738



39.4005, 0.3184, 0.2487



39.4005, 0.3612, 0.4526

Square

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



39.4005, 0.3184, 0.2487



39.4005, 0.4456, 0.3851



39.4005, 0.2960, 0.4335



39.4005, 0.1948, 0.2530

Rectangle

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



39.4005, 0.3184, 0.2487



39.4005, 0.4229, 0.3175



39.4005, 0.2960, 0.4335



39.4005, 0.2121, 0.3263

Sweetspot

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



39.4022, 0.3184, 0.2487



84.7498, 0.3143, 0.3050



30.9358, 0.2540, 0.2305



17.7172, 0.3146, 0.3016



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.



39.4022, 0.3184, 0.2487



51.0796, 0.3197, 0.2325



37.7928, 0.3527, 0.2872



12.6264, 0.3142, 0.3067



11.3964, 0.3280, 0.1581



0.6893, 0.3267, 0.1573

Inverse Universe

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



39.4022, 0.3184, 0.2487



51.0796, 0.3197, 0.2325



58.4087, 0.2855, 0.3754



12.6264, 0.3142, 0.3067



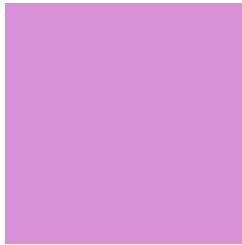
11.3964, 0.3280, 0.1581



0.6893, 0.3267, 0.1573

Previews

White Background



This preview shows how the Yxy color 39.4005, 0.3184, 0.2487 looks on a white background.

Color Contrast Check

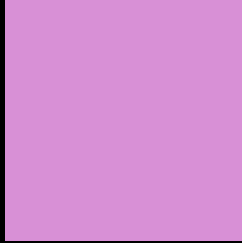
Large Text (above 18pt) WCAG AA × Fail

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 39.4005, 0.3184, 0.2487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

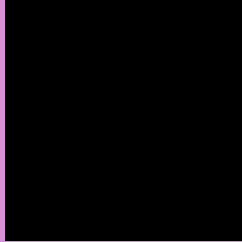
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4005, 0.3184, 0.2487

Background



This preview shows how black text looks on a background with the Yxy color 39.4005, 0.3184, 0.2487.



This preview shows how white text looks on a background with the Yxy color 39.4005, 0.3184, 0.2487.

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

39.4005, 0.3184, 0.2487

Protanopia

39.8910, 0.2522, 0.2465

Deuteranopia

39.4559, 0.2761, 0.2697



Tritanopia

39.5295, 0.3585, 0.3154

Trichromacy



Original Color

39.4005, 0.3184, 0.2487



Protanomaly

39.2312, 0.2729, 0.2464



Deuteranomaly

38.8844, 0.2907, 0.2608



Tritanomaly

39.2286, 0.3433, 0.2890

Monochromacy



Original Color

39.4005, 0.3184, 0.2487



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

40.6873, 0.3143, 0.2955

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4005, 0.3184, 0.2487 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(216, 144, 214)` looks like.

```
.text, #text, p{  
    color:rgb(216, 144, 214)  
}
```

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(216, 144, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 144, 214) }
```

Border

The CSS property to change the border of an element to Yxy 39.4005, 0.3184, 0.2487 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(216, 144, 214) }
```

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

```
.border{ border-color:rgb(216, 144, 214) }
```

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

Here you see how a box with a 4 pixel rgb(216, 144, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 144, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 144, 214);  
box-shadow:4px 4px 4px 4px rgb(216, 144,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4005, 0.3184, 0.2487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 144, 214) }
```

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

```
.background{ background-color: rgb(216,  
144, 214) }
```

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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