

Converting Colors

$Yxy(36.6059, 0.3387, 0.2765)$

Have a look what the booklet for
Yxy(36.6059, 0.3387, 0.2765)
contains.

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Color

Yxy(36.7454, 0.3384, 0.2765)

Conversions

Conversions Part 1

Format	Color
Hex	D18FBA
RGB	209, 143, 186
RGB Percent	82%, 56%, 73%
CMY	0.1805, 0.4391, 0.2706
CMYK	0.00, 0.32, 0.11, 0.18
HSL	321°, 42%, 69%
HSV	321°, 32%, 82%
XYZ	44.9716, 36.7454, 51.1778
YIQ	167.6360, 25.5330, 27.3650

Conversions

Conversions Part 2

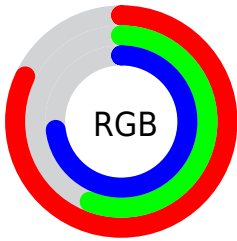
Format	Color
R _Y B	209, 143, 186
Decimal	13733818
CIE Lab	67.09, 31.49, -12.25
CIE LCh	67, 33.788, 338.740
Yxy	36.7454, 0.3384, 0.2765
Android (android.graphics.Color)	4291923898 (0xFFD18FBA)
YUV	167.6360, 9.0535, 36.2762
Hunter-Lab	60.6180, 26.3450, -7.6240

Details

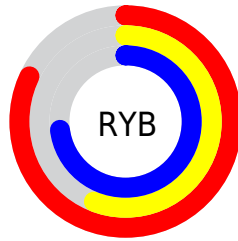
The Yxy color **36.7454, 0.3384, 0.2765** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.1759, 0.2938, 0.3882**, and the grayscale version is **38.9165, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6033, 0.3248, 0.2843**, and **16.2178, 0.3461, 0.2624** is the 20% darker color. If you saturate the color by 10%, you get **30.7438, 0.3495, 0.2597**, and if you desaturate by 10%, it is **43.9347, 0.3288, 0.2936**.

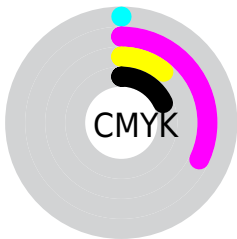
Distribution



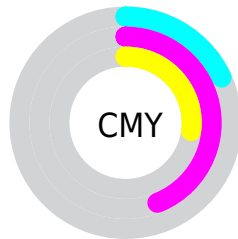
- Red (82%)
- Green (56%)
- Blue (73%)



- Red (82%)
- Yellow (56%)
- Blue (73%)



- Cyan (0%)
- Magenta (32%)
- Yellow (11%)
- Black (18%)





- Cyan (18%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7454, 0.3384, 0.2765 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 36.7454, 0.3384, 0.2765 by changing the saturation by 10% instead.


 36.7454, 0.3384,
0.2765


 36.7454, 0.3384,
0.2765


332.2069, 0.3256,
0.3026

 25.0104, 0.3416,
0.2700


 70.1810, 0.3338,
0.2860

 16.0848, 0.3456,
0.2618


 92.6505, 0.3320,
0.2895

 9.5842, 0.3510,
0.2508


119.4669, 0.3305,
0.2925

 5.1241, 0.3585,
0.2357

151.0146, 0.3293,
0.2951

 2.3203, 0.3694,
0.2136

187.6781, 0.3282,
0.2974

 0.7844, 0.3873,
0.1777

229.8417, 0.3272,

 0.0000, 0.4777,

0.2993

0.0000

277.8899, 0.3264,
0.3011

■ 0.0000, 0.0000,
0.0000

■ 36.7454, 0.3384,
0.2765

■ 36.7454, 0.3384,
0.2765

■ 30.7438, 0.3495,
0.2597

■ 43.9347, 0.3288,
0.2936

■ 25.8596, 0.3620,
0.2441

■ 52.3668, 0.3206,
0.3104

■ 22.0229, 0.3759,
0.2307


■ 62.0995, 0.3137,
0.3266


■ 19.1538, 0.3908,
0.2205


■ 73.1855, 0.3079,
0.3418


■ 17.1608, 0.4062,
0.2147

■ 85.6745, 0.3030,
0.3560

 15.9343, 0.4216,
0.2139

 90.7635, 0.2990,
0.3557

 15.3330, 0.4343,
0.2166

 91.1800, 0.2950,
0.3479

 91.6138, 0.2911,
0.3402

 92.0651, 0.2873,
0.3326

Harmonies

Analogous

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



36.7454, 0.2868, 0.2541



36.7454, 0.3384, 0.2765



36.7454, 0.3860, 0.3108

Triad

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



36.7454, 0.3384, 0.2765



36.7454, 0.3790, 0.4165



36.7454, 0.2222, 0.2940

Complementary

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



36.7454, 0.3384, 0.2765



54.1759, 0.2938, 0.3882

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.



36.7454, 0.2428, 0.3426



36.7454, 0.3384, 0.2765



36.7454, 0.3322, 0.4195

Square

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



36.7454, 0.3384, 0.2765



36.7454, 0.4093, 0.3893



36.7454, 0.2824, 0.3916



36.7454, 0.2234, 0.2609

Rectangle

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



36.7454, 0.3384, 0.2765



36.7454, 0.4069, 0.3372



36.7454, 0.2824, 0.3916



36.7454, 0.2267, 0.3090

Sweetspot

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



36.7471, 0.3384, 0.2765



85.7174, 0.3188, 0.3145



32.2534, 0.2756, 0.2413



17.8875, 0.3199, 0.3120



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.



36.7471, 0.3384, 0.2765



50.9822, 0.3459, 0.2649



35.5353, 0.3722, 0.3153



11.9362, 0.3190, 0.3140



9.4771, 0.4322, 0.2155



0.5446, 0.4067, 0.2014

Inverse Universe

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



36.7471, 0.3384, 0.2765



50.9822, 0.3459, 0.2649



55.4993, 0.2742, 0.3434



11.9362, 0.3190, 0.3140



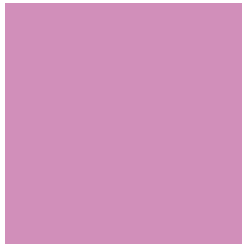
9.4771, 0.4322, 0.2155



0.5446, 0.4067, 0.2014

Previews

White Background



This preview shows how the Yxy color 36.7454, 0.3384, 0.2765 looks on a white background.

Color Contrast Check

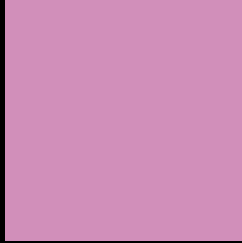
Large Text (above 18pt) WCAG AA × Fail

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 36.7454, 0.3384, 0.2765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

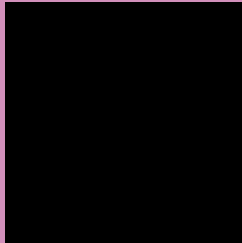
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7454, 0.3384, 0.2765

Background



This preview shows how black text looks on a background with the Yxy color 36.7454, 0.3384, 0.2765.



This preview shows how white text looks on a background with the Yxy color 36.7454, 0.3384, 0.2765.

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

36.7454, 0.3384, 0.2765

Protanopia

37.0321, 0.2773, 0.2780

Deuteranopia

36.7612, 0.3021, 0.2960



Tritanopia

36.8048, 0.3622, 0.3152

Trichromacy



Original Color

36.7454, 0.3384, 0.2765

Protanomaly

36.4517, 0.2974, 0.2770

Deuteranomaly

36.4335, 0.3146, 0.2880

Tritanomaly

36.6877, 0.3533, 0.3002

Monochromacy



Original Color

36.7454, 0.3384, 0.2765

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.9587, 0.3214, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7454, 0.3384, 0.2765 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, 143, 186)` looks like.

```
.text, #text, p{  
    color:rgb(209, 143, 186)  
}
```

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, 143, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 143, 186) }
```

Border

The CSS property to change the border of an element to Yxy 36.7454, 0.3384, 0.2765 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, 143, 186) }
```

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

```
.border{ border-color:rgb(209, 143, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 143, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 143, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 143, 186);  
box-shadow:4px 4px 4px 4px rgb(209, 143,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7454, 0.3384, 0.2765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 143, 186) }
```

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

```
.background{ background-color: rgb(209,  
143, 186) }
```

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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