

Converting Colors

$Y_{xy}(36.8376, 0.3339, 0.2652)$

Have a look what the booklet for
Yxy(36.8376, 0.3339, 0.2652)
contains.

Yxy(36.9418, 0.3337, 0.2656)	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(36.9418, 0.3337, 0.2656)

Conversions

Conversions Part 1

Format	Color
Hex	D48DC2
RGB	212, 141, 194
RGB Percent	83%, 55%, 76%
CMY	0.1687, 0.4470, 0.2391
CMYK	0.00, 0.33, 0.08, 0.17
HSL	315°, 45%, 69%
HSV	315°, 33%, 83%
XYZ	46.4137, 36.9418, 55.7326
YIQ	168.2710, 25.3030, 31.5350

Conversions

Conversions Part 2

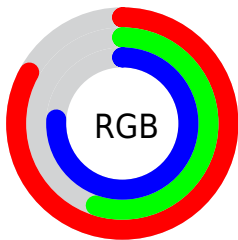
Format	Color
R _Y B	212, 141, 194
Decimal	13929922
CIE Lab	67.23, 34.97, -16.48
CIE LCh	67, 38.660, 334.770
Yxy	36.9418, 0.3337, 0.2656
Android (android.graphics.Color)	4292120002 (0xFFD48DC2)
YUV	168.2710, 12.6844, 38.3503
Hunter-Lab	60.7798, 29.9447, -11.8207

Details

The Yxy color **36.9418, 0.3337, 0.2656** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.2496, 0.2970, 0.4023**, and the grayscale version is **39.2262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7049, 0.3183, 0.2749**, and **16.1061, 0.3393, 0.2482** is the 20% darker color. If you saturate the color by 10%, you get **31.0415, 0.3420, 0.2469**, and if you desaturate by 10%, it is **44.0507, 0.3263, 0.2849**.

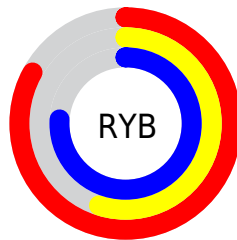
Distribution



Red (83%)

Green (55%)

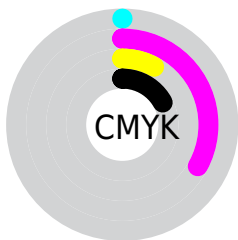
Blue (76%)



Red (83%)

Yellow (55%)

Blue (76%)

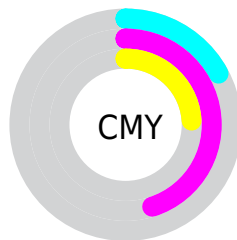


Cyan (0%)

Magenta (33%)

Yellow (8%)

Black (17%)



Cyan (17%)


Magenta (45%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9418, 0.3337, 0.2656 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 36.9418, 0.3337, 0.2656 by changing the saturation by 10% instead.


 36.9418, 0.3337,
0.2656


 36.9418, 0.3337,
0.2656


333.0585, 0.3236,
0.2968

 25.1624, 0.3361,
0.2580


 70.4833, 0.3301,
0.2768

 16.1981, 0.3391,
0.2484


 93.0142, 0.3287,
0.2810

 9.6645, 0.3430,
0.2358


 119.8977, 0.3276,
0.2846

 5.1771, 0.3481,
0.2186

151.5182, 0.3266,
0.2877

 2.3515, 0.3551,
0.1940

188.2602, 0.3257,
0.2904

 0.8008, 0.3652,
0.1559

230.5079, 0.3249,

 0.0000, 0.4073,

0.2928

0.0000

278.6459, 0.3242,
0.2949

■ 0.0000, 0.0000,
0.0000

■ 36.9418, 0.3337,
0.2656

■ 36.9418, 0.3337,
0.2656

■ 31.0415, 0.3420,
0.2469

■ 44.0507, 0.3263,
0.2849

■ 26.2761, 0.3512,
0.2298

■ 52.4262, 0.3199,
0.3041

■ 22.5719, 0.3610,
0.2152


■ 62.1289, 0.3144,
0.3227


■ 19.8442, 0.3713,
0.2043

■ 73.2136, 0.3098,
0.3404


■ 17.9952, 0.3817,
0.1977

■ 85.7324, 0.3058,
0.3570


 16.9068, 0.3918,
0.1959

 91.0196, 0.3026,
0.3593

 16.4754, 0.3983,
0.1968

 91.3194, 0.2997,
0.3535

 91.6285, 0.2968,
0.3478

 91.9469, 0.2939,
0.3421

Harmonies

Analogous

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



36.9418, 0.2759, 0.2427



36.9418, 0.3337, 0.2656



36.9418, 0.3902, 0.3023

Triad

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



36.9418, 0.3337, 0.2656



36.9418, 0.3934, 0.4253



36.9418, 0.2122, 0.2949

Complementary

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



36.9418, 0.3337, 0.2656



55.2496, 0.2970, 0.4023

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.



36.9418, 0.2380, 0.3522



36.9418, 0.3337, 0.2656



36.9418, 0.3417, 0.4348

Square

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



36.9418, 0.3337, 0.2656



36.9418, 0.4251, 0.3908



36.9418, 0.2847, 0.4075



36.9418, 0.2106, 0.2551

Rectangle

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



36.9418, 0.3337, 0.2656



36.9418, 0.4167, 0.3314



36.9418, 0.2847, 0.4075



36.9418, 0.2182, 0.3126

Sweetspot

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



36.9435, 0.3337, 0.2656



84.3868, 0.3180, 0.3105



31.1504, 0.2677, 0.2338



17.6288, 0.3188, 0.3078



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.



36.9435, 0.3337, 0.2656



49.7091, 0.3394, 0.2525



35.5423, 0.3708, 0.3071



12.5765, 0.3176, 0.3118



10.1887, 0.3969, 0.1960



0.6275, 0.3810, 0.1872

Inverse Universe

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



36.9435, 0.3337, 0.2656



49.7091, 0.3394, 0.2525



56.6532, 0.2756, 0.3525



12.5765, 0.3176, 0.3118



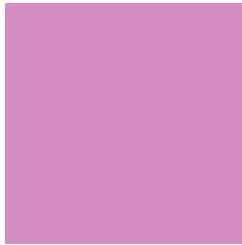
10.1887, 0.3969, 0.1960



0.6275, 0.3810, 0.1872

Previews

White Background



This preview shows how the Yxy color 36.9418, 0.3337, 0.2656 looks on a white background.

Color Contrast Check

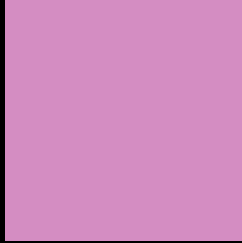
Large Text (above 18pt) WCAG AA × Fail

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 36.9418, 0.3337, 0.2656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

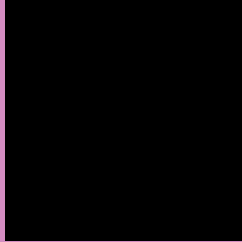
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9418, 0.3337, 0.2656

Background



This preview shows how black text looks on a background with the Yxy color 36.9418, 0.3337, 0.2656.



This preview shows how white text looks on a background with the Yxy color 36.9418, 0.3337, 0.2656.

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

36.9418, 0.3337, 0.2656

Protanopia

37.1195, 0.2670, 0.2651

Deuteranopia

37.1187, 0.2928, 0.2867



Tritanopia

37.0929, 0.3643, 0.3153

Trichromacy



Original Color

36.9418, 0.3337, 0.2656

Protanomaly

36.4695, 0.2883, 0.2634

Deuteranomaly

36.6555, 0.3065, 0.2779

Tritanomaly

36.7847, 0.3524, 0.2955

Monochromacy



Original Color

36.9418, 0.3337, 0.2656

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.8184, 0.3206, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9418, 0.3337, 0.2656 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(212, 141, 194)` looks like.

```
.text, #text, p{  
    color:rgb(212, 141, 194)  
}
```

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(212, 141, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 141, 194) }
```

Border

The CSS property to change the border of an element to Yxy 36.9418, 0.3337, 0.2656 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(212, 141, 194) }
```

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

```
.border{ border-color:rgb(212, 141, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 141, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 141, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 141, 194);  
box-shadow:4px 4px 4px 4px rgb(212, 141,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9418, 0.3337, 0.2656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 141, 194) }
```

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

```
.background{ background-color: rgb(212,  
141, 194) }
```

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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