

Converting Colors

$Y_{xy}(37.2189, 0.3405, 0.2645)$

Have a look what the booklet for
Yxy(37.2189, 0.3405, 0.2645)
contains.

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Color

Yxy(37.2657, 0.3399, 0.2646)

Conversions

Conversions Part 1

Format	Color
Hex	DA8BC2
RGB	218, 139, 194
RGB Percent	85%, 55%, 76%
CMY	0.1453, 0.4548, 0.2393
CMYK	0.00, 0.36, 0.11, 0.15
HSL	318°, 52%, 70%
HSV	318°, 36%, 85%
XYZ	47.8708, 37.2657, 55.7014
YIQ	168.8910, 29.4290, 33.8530

Conversions

Conversions Part 2

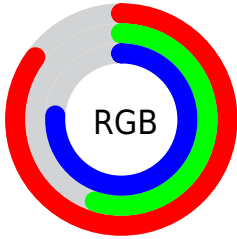
Format	Color
R _Y B	218, 139, 194
Decimal	14322626
CIE Lab	67.48, 38.00, -16.03
CIE LCh	67, 41.248, 337.129
Yxy	37.2657, 0.3399, 0.2646
Android (android.graphics.Color)	4292512706 (0xFFDA8BC2)
YUV	168.8910, 12.3787, 43.0686
Hunter-Lab	61.0456, 33.1463, -11.3675

Details

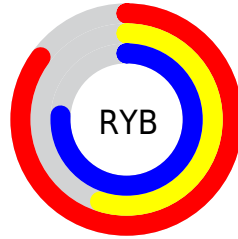
The Yxy color **37.2657, 0.3399, 0.2646** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **58.2521, 0.2934, 0.4039**, and the grayscale version is **39.5476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8086, 0.3184, 0.2729**, and **16.3912, 0.3481, 0.2476** is the 20% darker color. If you saturate the color by 10%, you get **31.2799, 0.3502, 0.2473**, and if you desaturate by 10%, it is **44.5263, 0.3309, 0.2827**.

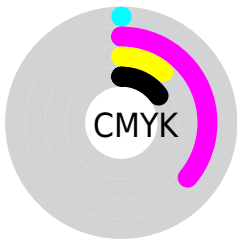
Distribution



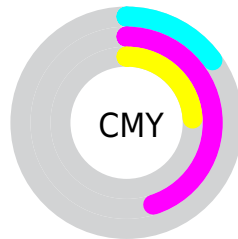
- Red (85%)
- Green (55%)
- Blue (76%)



- Red (85%)
- Yellow (55%)
- Blue (76%)



- Cyan (0%)
- Magenta (36%)
- Yellow (11%)
- Black (15%)




- Cyan (15%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.2657, 0.3399, 0.2646 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 37.2657, 0.3399, 0.2646 by changing the saturation by 10% instead.


 37.2657, 0.3399,
0.2646


 37.2657, 0.3399,
0.2646

334.4594, 0.3267,
0.2962


 25.4133, 0.3431,
0.2569


 70.9812, 0.3352,
0.2759

 16.3852, 0.3471,
0.2472


 93.6132, 0.3334,
0.2802

 9.7972, 0.3524,
0.2345


 120.6070, 0.3318,
0.2839

 5.2647, 0.3594,
0.2173

152.3472, 0.3305,
0.2870

 2.4034, 0.3694,
0.1927

189.2182, 0.3294,
0.2898

 0.8276, 0.3844,
0.1552

231.6043, 0.3283,

 0.0000, 0.4478,

0.2922

0.0000

279.8899, 0.3274,
0.2943

0.0000, 0.0000,
0.0000

37.2657, 0.3399,
0.2646

37.2657, 0.3399,
0.2646

31.2799, 0.3502,
0.2473

44.5263, 0.3309,
0.2827

26.4884, 0.3616,
0.2316

53.1258, 0.3230,
0.3008

22.8098, 0.3739,
0.2188


63.1299, 0.3163,
0.3185

20.1498, 0.3868,
0.2098


74.5985, 0.3107,
0.3353

18.3988, 0.3998,
0.2055

87.5882, 0.3059,
0.3510

 17.4194, 0.4124,
0.2062

 92.3403, 0.3021,
0.3510

 17.1570, 0.4172,
0.2072

 92.7272, 0.2985,
0.3441

 93.1284, 0.2949,
0.3372

 93.5441, 0.2913,
0.3304

Harmonies

Analogous

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



37.2657, 0.2779, 0.2392



37.2657, 0.3399, 0.2646



37.2657, 0.3991, 0.3040

Triad

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



37.2657, 0.3399, 0.2646



37.2657, 0.3942, 0.4330



37.2657, 0.2054, 0.2882

Complementary

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



37.2657, 0.3399, 0.2646



58.2521, 0.2934, 0.4039

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.



37.2657, 0.2305, 0.3483



37.2657, 0.3399, 0.2646



37.2657, 0.3382, 0.4412

Square

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



37.2657, 0.3399, 0.2646



37.2657, 0.4303, 0.3973



37.2657, 0.2782, 0.4092



37.2657, 0.2058, 0.2482

Rectangle

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



37.2657, 0.3399, 0.2646



37.2657, 0.4258, 0.3347



37.2657, 0.2782, 0.4092



37.2657, 0.2110, 0.3065

Sweetspot

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



37.2674, 0.3399, 0.2646



82.8544, 0.3195, 0.3099



31.2906, 0.2664, 0.2257



17.3198, 0.3204, 0.3075



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.



37.2674, 0.3399, 0.2646



46.8762, 0.3471, 0.2520



35.7333, 0.3820, 0.3100



13.2040, 0.3184, 0.3129



10.3043, 0.4154, 0.2062



0.6826, 0.3964, 0.1957

Inverse Universe

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



37.2674, 0.3399, 0.2646



46.8762, 0.3471, 0.2520



59.8800, 0.2707, 0.3494



13.2040, 0.3184, 0.3129



10.3043, 0.4154, 0.2062



0.6826, 0.3964, 0.1957

Previews

White Background



This preview shows how the Yxy color 37.2657, 0.3399, 0.2646 looks on a white background.

Color Contrast Check

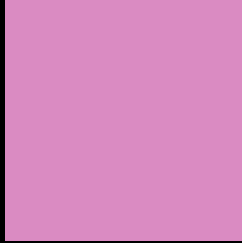
Large Text (above 18pt) WCAG AA × Fail

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 37.2657, 0.3399, 0.2646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

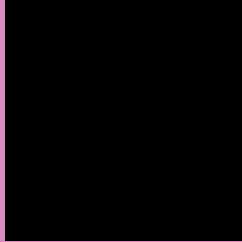
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2657, 0.3399, 0.2646

Background



This preview shows how black text looks on a background with the Yxy color 37.2657, 0.3399, 0.2646.



This preview shows how white text looks on a background with the Yxy color 37.2657, 0.3399, 0.2646.

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

37.2657, 0.3399, 0.2646

Protanopia

37.6698, 0.2665, 0.2642

Deuteranopia

37.6425, 0.2954, 0.2896



Tritanopia

37.2882, 0.3732, 0.3156

Trichromacy



Original Color

37.2657, 0.3399, 0.2646



Protanomaly

36.8661, 0.2901, 0.2628



Deuteranomaly

37.1088, 0.3112, 0.2797



Tritanomaly

36.9943, 0.3611, 0.2962

Monochromacy



Original Color

37.2657, 0.3399, 0.2646



Achromatopsia

39.6755, 0.3127, 0.3290



Achromatomaly

38.2329, 0.3226, 0.3026

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2657, 0.3399, 0.2646 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(218, 139, 194)` looks like.

```
.text, #text, p{  
    color:rgb(218, 139, 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(218, 139, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 139, 194) }
```

Border

The CSS property to change the border of an element to Yxy 37.2657, 0.3399, 0.2646 is called "border". The border property can be set on classes, ids or directly on the HTML element.

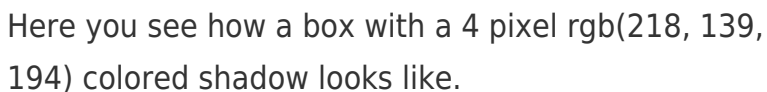
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 139, 194) }
```

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

```
.border{ border-color:rgb(218, 139, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 139, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 139, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 139, 194); box-shadow:4px 4px 4px 4px rgb(218, 139, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2657, 0.3399, 0.2646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 139, 194) }
```

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

```
.background{ background-color: rgb(218,  
139, 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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