

Converting Colors

$Y_{xy}(36.8393, 0.3303, 0.2607)$

Have a look what the booklet for
Yxy(36.8393, 0.3303, 0.2607)
contains.

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Color

Yxy(36.8304, 0.3299, 0.2601)

Conversions

Conversions Part 1

Format	Color
Hex	D48CC6
RGB	212, 140, 198
RGB Percent	83%, 55%, 78%
CMY	0.1687, 0.4509, 0.2236
CMYK	0.00, 0.34, 0.07, 0.17
HSL	312°, 46%, 69%
HSV	312°, 34%, 83%
XYZ	46.7141, 36.8304, 58.0564
YIQ	168.1400, 24.2940, 33.3020

Conversions

Conversions Part 2

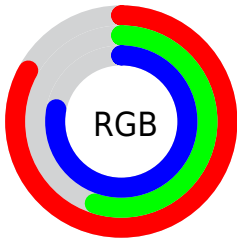
Format	Color
R _Y B	212, 140, 198
Decimal	13929670
CIE Lab	67.15, 36.18, -18.82
CIE LCh	67, 40.782, 332.522
Yxy	36.8304, 0.3299, 0.2601
Android (android.graphics.Color)	4292119750 (0xFFD48CC6)
YUV	168.1400, 14.7210, 38.4652
Hunter-Lab	60.6881, 31.1949, -14.2373

Details

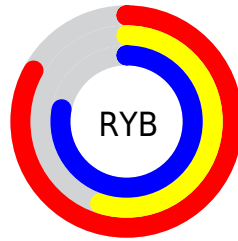
The Yxy color **36.8304, 0.3299, 0.2601** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.9853, 0.2994, 0.4096**, and the grayscale version is **39.1484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5102, 0.3155, 0.2703**, and **16.0610, 0.3338, 0.2411** is the 20% darker color. If you saturate the color by 10%, you get **31.0336, 0.3364, 0.2403**, and if you desaturate by 10%, it is **43.8289, 0.3240, 0.2807**.

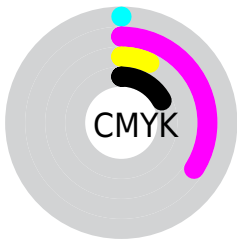
Distribution



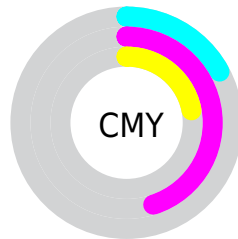
- Red (83%)
- Green (55%)
- Blue (78%)



- Red (83%)
- Yellow (55%)
- Blue (78%)



- Cyan (0%)
- Magenta (34%)
- Yellow (7%)
- Black (17%)




- Cyan (17%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.8304, 0.3299, 0.2601 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 36.8304, 0.3299, 0.2601 by changing the saturation by 10% instead.


 36.8304, 0.3299,
0.2601


 36.8304, 0.3299,
0.2601


332.5757, 0.3219,
0.2938

 25.0762, 0.3317,
0.2519


 70.3119, 0.3271,
0.2722

 16.1338, 0.3339,
0.2416


 92.8079, 0.3260,
0.2768

 9.6189, 0.3367,
0.2282


 119.6534, 0.3251,
0.2807

 5.1470, 0.3402,
0.2100

151.2327, 0.3243,
0.2840

 2.3338, 0.3447,
0.1842

187.9301, 0.3236,
0.2869

 0.7915, 0.3500,
0.1450

230.1302, 0.3229,

 0.0000, 0.3750,


0.2895

0.0000


278.2172, 0.3224,
0.2918


 0.0000, 0.0000,
0.0000

 36.8304, 0.3299,
0.2601

 36.8304, 0.3299,
0.2601

 31.0336, 0.3364,
0.2403


 43.8289, 0.3240,
0.2807


 26.3648, 0.3435,
0.2223


 52.0875, 0.3188,
0.3013

 22.7498, 0.3510,
0.2070

 61.6667, 0.3143,
0.3213

 20.1035, 0.3586,
0.1953

 72.6215, 0.3104,
0.3405

 18.3276, 0.3662,
0.1881

 85.0040, 0.3071,
0.3584

■ 17.3028, 0.3735,
0.1854

■ 90.8259, 0.3046,
0.3631

■ 16.9231, 0.3778,
0.1855

■ 91.0507, 0.3023,
0.3586

■ 91.2810, 0.3000,
0.3542

■ 91.5169, 0.2978,
0.3498

Harmonies

Analogous

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



36.8304, 0.2697, 0.2375



36.8304, 0.3299, 0.2601



36.8304, 0.3906, 0.2975

Triad

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



36.8304, 0.3299, 0.2601



36.8304, 0.4009, 0.4282



36.8304, 0.2083, 0.2966

Complementary

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



36.8304, 0.3299, 0.2601



54.9853, 0.2994, 0.4096

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.



36.8304, 0.2370, 0.3582



36.8304, 0.3299, 0.2601



36.8304, 0.3473, 0.4416

Square

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



36.8304, 0.3299, 0.2601



36.8304, 0.4323, 0.3901



36.8304, 0.2872, 0.4159



36.8304, 0.2048, 0.2533

Rectangle

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



36.8304, 0.3299, 0.2601



36.8304, 0.4202, 0.3275



36.8304, 0.2872, 0.4159



36.8304, 0.2151, 0.3158

Sweetspot

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



36.8321, 0.3299, 0.2601



84.4802, 0.3170, 0.3091



30.3082, 0.2628, 0.2313



17.6515, 0.3177, 0.3062



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.



36.8321, 0.3299, 0.2601



49.1949, 0.3347, 0.2452



35.3935, 0.3666, 0.3009



12.5893, 0.3167, 0.3104



10.4647, 0.3768, 0.1850



0.6420, 0.3654, 0.1787

Inverse Universe

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



36.8321, 0.3299, 0.2601



49.1949, 0.3347, 0.2452



56.3337, 0.2780, 0.3594



12.5893, 0.3167, 0.3104



10.4647, 0.3768, 0.1850



0.6420, 0.3654, 0.1787

Previews

White Background



This preview shows how the Yxy color 36.8304, 0.3299, 0.2601 looks on a white background.

Color Contrast Check

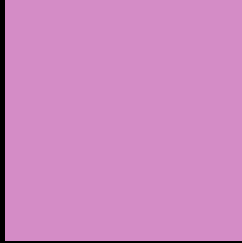
Large Text (above 18pt) WCAG AA × Fail

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 36.8304, 0.3299, 0.2601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

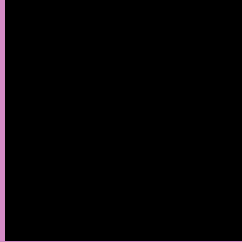
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8304, 0.3299, 0.2601

Background



This preview shows how black text looks on a background with the Yxy color 36.8304, 0.3299, 0.2601.



This preview shows how white text looks on a background with the Yxy color 36.8304, 0.3299, 0.2601.

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

36.8304, 0.3299, 0.2601

Protanopia

37.1288, 0.2627, 0.2600

Deuteranopia

37.0360, 0.2886, 0.2826



Tritanopia

36.9484, 0.3633, 0.3152

Trichromacy



Original Color

36.8304, 0.3299, 0.2601

Protanomaly

36.5495, 0.2842, 0.2586

Deuteranomaly

36.6677, 0.3030, 0.2741

Tritanomaly

36.8232, 0.3514, 0.2943

Monochromacy



Original Color

36.8304, 0.3299, 0.2601

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.8987, 0.3188, 0.3011

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8304, 0.3299, 0.2601 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, 140, 198)` looks like.

```
.text, #text, p{  
    color:rgb(212, 140, 198)  
}
```

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, 140, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 140, 198) }
```

Border

The CSS property to change the border of an element to Yxy 36.8304, 0.3299, 0.2601 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, 140, 198) }
```

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

```
.border{ border-color:rgb(212, 140, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 140, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 140, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 140, 198);  
box-shadow:4px 4px 4px 4px rgb(212, 140,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8304, 0.3299, 0.2601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 140, 198) }
```

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

```
.background{ background-color: rgb(212,  
140, 198) }
```

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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