

Converting Colors

$Y_{xy}(40.3669, 0.3264, 0.2739)$

Have a look what the booklet for
Yxy(40.3669, 0.3264, 0.2739)
contains.

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Color

Yxy(40.2353, 0.3268, 0.2739)

Conversions

Conversions Part 1

Format	Color
Hex	D298C6
RGB	210, 152, 198
RGB Percent	82%, 60%, 78%
CMY	0.1763, 0.4040, 0.2236
CMYK	0.00, 0.28, 0.06, 0.18
HSL	312°, 39%, 71%
HSV	312°, 28%, 82%
XYZ	48.0062, 40.2353, 58.6563
YIQ	174.5860, 19.8020, 26.6020

Conversions

Conversions Part 2

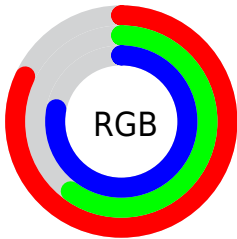
Format	Color
R _Y B	210, 152, 198
Decimal	13801670
CIE Lab	69.64, 29.07, -15.09
CIE LCh	70, 32.747, 332.570
Yxy	40.2353, 0.3268, 0.2739
Android (android.graphics.Color)	4291991750 (0xFFD298C6)
YUV	174.5860, 11.5431, 31.0581
Hunter-Lab	63.4313, 24.0879, -10.4248

Details

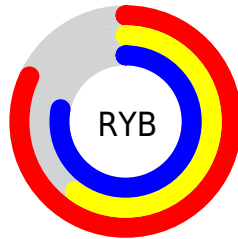
The Yxy color $40.2353, 0.3268, 0.2739$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $55.4673, 0.3012, 0.3913$, and the grayscale version is $42.5780, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.1056, 0.3149, 0.2821$, and $18.0965, 0.3308, 0.2590$ is the 20% darker color. If you saturate the color by 10%, you get $33.8145, 0.3333, 0.2538$, and if you desaturate by 10%, it is $47.8726, 0.3211, 0.2943$.

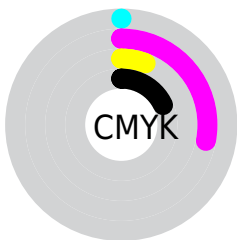
Distribution



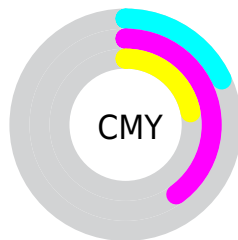
- Red (82%)
- Green (60%)
- Blue (78%)



- Red (82%)
- Yellow (60%)
- Blue (78%)



- Cyan (0%)
- Magenta (28%)
- Yellow (6%)
- Black (18%)





- Cyan (18%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2353, 0.3268, 0.2739 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 40.2353, 0.3268, 0.2739 by changing the saturation by 10% instead.


 40.2353, 0.3268,
0.2739


 40.2353, 0.3268,
0.2739


347.1143, 0.3202,
0.3008

 27.7221, 0.3283,
0.2674


 75.5217, 0.3245,
0.2835

 18.1162, 0.3302,
0.2591


 99.0636, 0.3236,
0.2872

 11.0335, 0.3326,
0.2483


127.0506, 0.3228,
0.2903

 6.0894, 0.3358,
0.2336

159.8669, 0.3221,
0.2930

 2.8995, 0.3399,
0.2127

197.8971, 0.3215,
0.2954

 1.0795, 0.3455,
0.1804

241.5254, 0.3210,

 0.0000, 0.3989,

0.2974

0.0000

291.1364, 0.3206,
0.2992

0.0000, 0.0000,
0.0000

40.2353, 0.3268,
0.2739

40.2353, 0.3268,
0.2739

33.8145, 0.3333,
0.2538

47.8726, 0.3211,
0.2943

28.5412, 0.3404,
0.2348

56.7802, 0.3161,
0.3143

24.3475, 0.3481,
0.2179

67.0149, 0.3118,
0.3334

21.1563, 0.3562,
0.2040

78.6288, 0.3081,
0.3516

18.8803, 0.3645,
0.1941

90.3828, 0.3050,
0.3664

■ 17.4168, 0.3726,
0.1887

■ 90.6165, 0.3026,
0.3617

■ 16.6227, 0.3803,
0.1878

■ 90.8563, 0.3002,
0.3569

■ 16.4768, 0.3821,
0.1879

■ 91.1021, 0.2978,
0.3522

■ 91.3541, 0.2955,
0.3476

Harmonies

Analogous

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



40.2353, 0.2793, 0.2555



40.2353, 0.3268, 0.2739



40.2353, 0.3735, 0.3046

Triad

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



40.2353, 0.3268, 0.2739



40.2353, 0.3829, 0.4077



40.2353, 0.2295, 0.3049

Complementary

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



40.2353, 0.3268, 0.2739



55.4673, 0.3012, 0.3913

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.



40.2353, 0.2532, 0.3520



40.2353, 0.3268, 0.2739



40.2353, 0.3411, 0.4156

Square

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



40.2353, 0.3268, 0.2739



40.2353, 0.4066, 0.3794



40.2353, 0.2936, 0.3951



40.2353, 0.2263, 0.2699

Rectangle

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



40.2353, 0.3268, 0.2739



40.2353, 0.3963, 0.3292



40.2353, 0.2936, 0.3951



40.2353, 0.2352, 0.3198

Sweetspot

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



40.2371, 0.3268, 0.2739



87.3982, 0.3163, 0.3134



34.9582, 0.2745, 0.2519



18.2320, 0.3170, 0.3104



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.



40.2371, 0.3268, 0.2739



56.4751, 0.3304, 0.2623



39.0400, 0.3546, 0.3075



11.9653, 0.3169, 0.3108



10.0617, 0.3811, 0.1873



0.5734, 0.3680, 0.1801

Inverse Universe

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



40.2371, 0.3268, 0.2739



56.4751, 0.3304, 0.2623



56.6191, 0.2832, 0.3518



11.9653, 0.3169, 0.3108



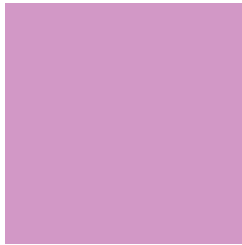
10.0617, 0.3811, 0.1873



0.5734, 0.3680, 0.1801

Previews

White Background



This preview shows how the Yxy color 40.2353, 0.3268, 0.2739 looks on a white background.

Color Contrast Check

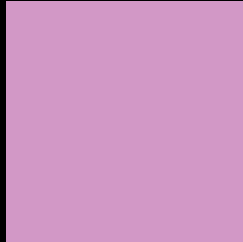
Large Text (above 18pt) WCAG AA × Fail

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 40.2353, 0.3268, 0.2739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

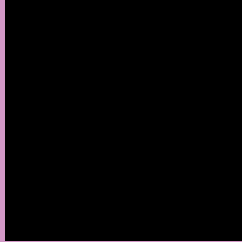
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.2353, 0.3268, 0.2739

Background



This preview shows how black text looks on a background with the Yxy color 40.2353, 0.3268, 0.2739.



This preview shows how white text looks on a background with the Yxy color 40.2353, 0.3268, 0.2739.

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

40.2353, 0.3268, 0.2739

Protanopia

40.5565, 0.2748, 0.2759

Deuteranopia

40.3265, 0.2967, 0.2907



Tritanopia

40.1003, 0.3498, 0.3140

Trichromacy



Original Color

40.2353, 0.3268, 0.2739

Protanomaly

40.1859, 0.2922, 0.2750

Deuteranomaly

40.1666, 0.3075, 0.2843

Tritanomaly

40.0034, 0.3405, 0.2981

Monochromacy



Original Color

40.2353, 0.3268, 0.2739

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.7477, 0.3183, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2353, 0.3268, 0.2739 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(210, 152, 198)` looks like.

```
.text, #text, p{  
    color:rgb(210, 152, 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(210, 152, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 152, 198) }
```

Border

The CSS property to change the border of an element to Yxy 40.2353, 0.3268, 0.2739 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(210, 152, 198) }
```

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

```
.border{ border-color:rgb(210, 152, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 152, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 152, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 152, 198);  
box-shadow:4px 4px 4px 4px rgb(210, 152,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2353, 0.3268, 0.2739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 152, 198) }
```

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

```
.background{ background-color: rgb(210,  
152, 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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