

Converting Colors

$Y_{xy}(41.3068, 0.3314, 0.2759)$

Have a look what the booklet for
Yxy(41.3068, 0.3314, 0.2759)
contains.

Yxy(41.3068, 0.3314, 0.2759)	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(41.3068, 0.3314, 0.2759)

Conversions

Conversions Part 1

Format	Color
Hex	D799C6
RGB	215, 153, 198
RGB Percent	84%, 60%, 78%
CMY	0.1568, 0.4000, 0.2235
CMYK	0.00, 0.29, 0.08, 0.16
HSL	316°, 44%, 72%
HSV	316°, 29%, 84%
XYZ	49.6161, 41.3068, 58.7937
YIQ	176.6680, 22.5070, 27.1390

Conversions

Conversions Part 2

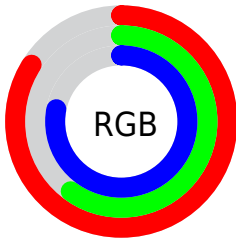
Format	Color
R_{YB}	215, 153, 198
Decimal	14129606
CIE _{Lab}	70.39, 30.22, -13.91
CIE _{LCh}	70, 33.268, 335.278
Yxy	41.3068, 0.3314, 0.2759
Android (android.graphics.Color)	4292319686 (0xFFD799C6)
YUV	176.6680, 10.5167, 33.6172
Hunter-Lab	64.2704, 25.3270, -9.2485

Details

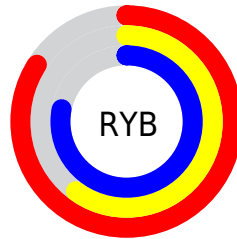
The Yxy color **41.3068, 0.3314, 0.2759** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **58.2891, 0.2982, 0.3888**, and the grayscale version is **43.7201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5918, 0.3149, 0.2831**, and **18.6919, 0.3359, 0.2618** is the 20% darker color. If you saturate the color by 10%, you get **34.6263, 0.3399, 0.2573**, and if you desaturate by 10%, it is **49.2698, 0.3240, 0.2948**.

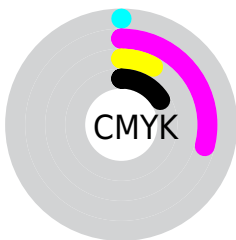
Distribution



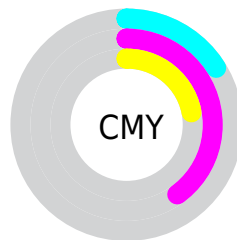
- Red (84%)
- Green (60%)
- Blue (78%)



- Red (84%)
- Yellow (60%)
- Blue (78%)



- Cyan (0%)
- Magenta (29%)
- Yellow (8%)
- Black (16%)





- Cyan (16%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3068, 0.3314, 0.2759 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 41.3068, 0.3314, 0.2759 by changing the saturation by 10% instead.


 41.3068, 0.3314,
0.2759

 41.3068, 0.3314,
0.2759


351.6012, 0.3224,
0.3018

 28.5589, 0.3335,
0.2696


 77.1494, 0.3282,
0.2852

 18.7474, 0.3362,
0.2617


 101.0129, 0.3270,
0.2887

 11.4879, 0.3397,
0.2514


129.3504, 0.3260,
0.2917

 6.3960, 0.3443,
0.2374

162.5462, 0.3251,
0.2943

 3.0873, 0.3507,
0.2175

200.9848, 0.3243,
0.2965

 1.1775, 0.3601,
0.1869

245.0506, 0.3236,


 0.0432, 0.4226,


0.2985

0.0234


295.1280, 0.3230,
0.3002

 0.0000, 0.0000,
0.0000


 41.3068, 0.3314,
0.2759


 41.3068, 0.3314,
0.2759

 34.6263, 0.3399,
0.2573

 49.2698, 0.3240,
0.2948


 29.1546, 0.3494,
0.2397


 58.5731, 0.3176,
0.3133


 24.8189, 0.3598,
0.2242

 69.2773, 0.3121,
0.3310

 21.5360, 0.3709,
0.2118

 81.4380, 0.3075,
0.3477

 19.2118, 0.3824,
0.2034

 91.5450, 0.3038,
0.3578

■ 17.7350, 0.3937,
0.1999

■ 91.8772, 0.3005,
0.3515

■ 16.9305, 0.4048,
0.2008

■ 92.2206, 0.2973,
0.3452

■ 16.8539, 0.4060,
0.2010

■ 92.5754, 0.2941,
0.3390

■ 92.9417, 0.2909,
0.3329

Harmonies

Analogous

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



41.3068, 0.2831, 0.2561



41.3068, 0.3314, 0.2759



41.3068, 0.3776, 0.3076

Triad

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



41.3068, 0.3314, 0.2759



41.3068, 0.3801, 0.4100



41.3068, 0.2278, 0.3008

Complementary

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



41.3068, 0.3314, 0.2759



58.2891, 0.2982, 0.3888

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.



41.3068, 0.2499, 0.3477



41.3068, 0.3314, 0.2759



41.3068, 0.3370, 0.4156

Square

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



41.3068, 0.3314, 0.2759



41.3068, 0.4061, 0.3828



41.3068, 0.2893, 0.3924



41.3068, 0.2265, 0.2672

Rectangle

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



41.3068, 0.3314, 0.2759



41.3068, 0.3992, 0.3327



41.3068, 0.2893, 0.3924



41.3068, 0.2329, 0.3155

Sweetspot

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



41.3087, 0.3314, 0.2759



85.8227, 0.3177, 0.3128



36.1812, 0.2759, 0.2487



17.9135, 0.3186, 0.3102



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.



41.3087, 0.3314, 0.2759



54.1844, 0.3368, 0.2638



40.0379, 0.3613, 0.3115



12.5719, 0.3179, 0.3122



10.0964, 0.4044, 0.2002



0.6226, 0.3868, 0.1904

Inverse Universe

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



41.3087, 0.3314, 0.2759



54.1844, 0.3368, 0.2638



59.5827, 0.2795, 0.3475



12.5719, 0.3179, 0.3122



10.0964, 0.4044, 0.2002



0.6226, 0.3868, 0.1904

Previews

White Background



This preview shows how the Yxy color 41.3068, 0.3314, 0.2759 looks on a white background.

Color Contrast Check

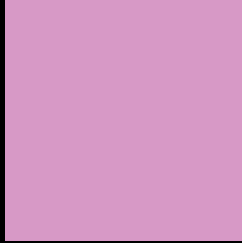
Large Text (above 18pt) WCAG AA × Fail

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 41.3068, 0.3314, 0.2759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

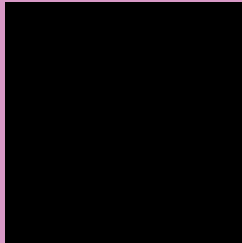
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3068, 0.3314, 0.2759

Background



This preview shows how black text looks on a background with the Yxy color 41.3068, 0.3314, 0.2759.



This preview shows how white text looks on a background with the Yxy color 41.3068, 0.3314, 0.2759.

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

41.3068, 0.3314, 0.2759

Protanopia

41.6715, 0.2767, 0.2778

Deuteranopia

41.5291, 0.3002, 0.2937



Tritanopia

41.3530, 0.3545, 0.3144

Trichromacy



Original Color

41.3068, 0.3314, 0.2759

Protanomaly

41.0744, 0.2949, 0.2756

Deuteranomaly

41.3864, 0.3110, 0.2873

Tritanomaly

41.2184, 0.3462, 0.3000

Monochromacy



Original Color

41.3068, 0.3314, 0.2759

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.5844, 0.3192, 0.3072

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3068, 0.3314, 0.2759 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(215, 153, 198)` looks like.

```
.text, #text, p{  
    color:rgb(215, 153, 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(215, 153, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 153, 198) }
```

Border

The CSS property to change the border of an element to Yxy 41.3068, 0.3314, 0.2759 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(215, 153, 198) }
```

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

```
.border{ border-color:rgb(215, 153, 198) }
```

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

Here you see how a box with a 4 pixel rgb(215, 153, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 153, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 153, 198);  
box-shadow:4px 4px 4px 4px rgb(215, 153,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3068, 0.3314, 0.2759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 153, 198) }
```

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

```
.background{ background-color: rgb(215,  
153, 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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