

Converting Colors

$Y_{xy}(41.3457, 0.2866, 0.2796)$

Have a look what the booklet for
Yxy(41.3457, 0.2866, 0.2796)
contains.

Yxy(41.3457, 0.2866, 0.2796)	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(41.3457, 0.2866, 0.2796)

Conversions

Conversions Part 1

Format	Color
Hex	ADA8CE
RGB	173, 168, 206
RGB Percent	68%, 66%, 81%
CMY	0.3215, 0.3412, 0.1921
CMYK	0.16, 0.18, 0.00, 0.19
HSL	248°, 28%, 73%
HSV	248°, 18%, 81%
XYZ	42.3808, 41.3457, 64.1479
YIQ	173.8270, -9.2180, 12.8780

Conversions

Conversions Part 2

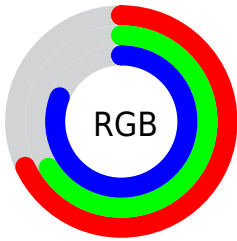
Format	Color
R _Y B	173, 168, 206
Decimal	11380942
CIE Lab	70.42, 9.50, -18.67
CIE LCh	70, 20.944, 296.963
Yxy	41.3457, 0.2866, 0.2796
Android (android.graphics.Color)	4289571022 (0xFFADA8CE)
YUV	173.8270, 15.8613, -0.7253
Hunter-Lab	64.3006, 5.1240, -14.1388

Details

The Yxy color $41.3457, 0.2866, 0.2796$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $59.3932, 0.3362, 0.3751$, and the grayscale version is $42.1570, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.6534, 0.2966, 0.2962$, and $18.7509, 0.2781, 0.2652$ is the 20% darker color. If you saturate the color by 10%, you get $32.4298, 0.2698, 0.2487$, and if you desaturate by 10%, it is $51.7428, 0.3016, 0.3077$.

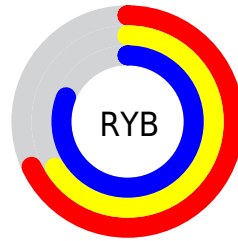
Distribution



Red (68%)

Green (66%)

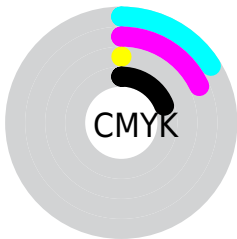
Blue (81%)



Red (68%)

Yellow (66%)

Blue (81%)

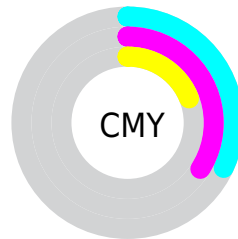


Cyan (16%)

Magenta (18%)

Yellow (0%)

Black (19%)



Cyan (32%)

Magenta (34%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3457, 0.2866, 0.2796 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 41.3457, 0.2866, 0.2796 by changing the saturation by 10% instead.

■ 41.3457, 0.2866,
0.2796

■ 41.3457, 0.2866,
0.2796

■ 351.7634, 0.3000,
0.3041

■ 28.5893, 0.2832,
0.2736

■ 77.2084, 0.2915,
0.2884

■ 18.7704, 0.2787,
0.2659

■ 101.0835, 0.2934,
0.2918

■ 11.5045, 0.2727,
0.2558

■ 129.4336, 0.2949,
0.2946

■ 6.4072, 0.2642,
0.2419

■ 162.6432, 0.2962,
0.2970

■ 3.0942, 0.2513,
0.2217

■ 201.0965, 0.2974,
0.2992

■ 1.1811, 0.2298,
0.1901

■ 245.1781, 0.2984,

■ 0.0462, 0.1592,

0.3010

0.0267

295.2722, 0.2992,
0.3026

0.0000, 0.0000,
0.0000

41.3457, 0.2866,
0.2796

41.3457, 0.2866,
0.2796

32.4298, 0.2698,
0.2487

51.7428, 0.3016,
0.3077

24.9227, 0.2513,
0.2155

63.6791, 0.3146,
0.3327

18.7535, 0.2317,
0.1812

77.2155, 0.3259,
0.3546

13.8429, 0.2119,
0.1477

92.4084, 0.3355,
0.3738

10.1036, 0.1931,
0.1172

97.2369, 0.3418,
0.3770

■ 7.4365, 0.1768,
0.0920

■ 5.7264, 0.1641,
0.0741

■ 4.8018, 0.1557,
0.0638

■ 4.6929, 0.1547,
0.0626

Harmonies

Analogous

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



41.3457, 0.2649, 0.2812



41.3457, 0.2866, 0.2796



41.3457, 0.3163, 0.2898

Triad

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



41.3457, 0.2866, 0.2796



41.3457, 0.3732, 0.3587



41.3457, 0.2791, 0.3492

Complementary

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



41.3457, 0.2866, 0.2796



59.3932, 0.3362, 0.3751

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.



41.3457, 0.3069, 0.3732



41.3457, 0.2866, 0.2796



41.3457, 0.3618, 0.3773

Square

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



41.3457, 0.2866, 0.2796



41.3457, 0.3676, 0.3340



41.3457, 0.3372, 0.3834



41.3457, 0.2607, 0.3200

Rectangle

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



41.3457, 0.2866, 0.2796



41.3457, 0.3369, 0.3020



41.3457, 0.3372, 0.3834



41.3457, 0.2876, 0.3583

Sweetspot

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



41.3474, 0.2866, 0.2796



88.1916, 0.3048, 0.3139



54.8253, 0.2849, 0.3233



18.6136, 0.3039, 0.3122



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.



41.3474, 0.2866, 0.2796



61.1871, 0.2804, 0.2681



43.5947, 0.3022, 0.2818



10.9138, 0.3002, 0.3052



2.9134, 0.1555, 0.0630



0.1742, 0.1697, 0.0709

Inverse Universe

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



45.3447, 0.3191, 0.2893



68.8127, 0.3206, 0.2809



56.9913, 0.3216, 0.3773



11.3773, 0.3158, 0.3091



10.0892, 0.3570, 0.1740



0.5278, 0.3490, 0.1696

Previews

White Background



This preview shows how the Yxy color 41.3457, 0.2866, 0.2796 looks on a white background.

Color Contrast Check

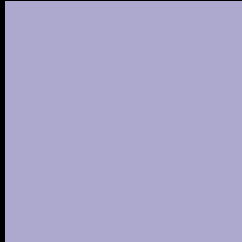
Large Text (above 18pt) WCAG AA × Fail

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 41.3457, 0.2866, 0.2796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

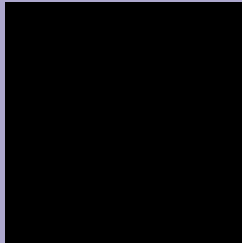
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3457, 0.2866, 0.2796

Background



This preview shows how black text looks on a background with the Yxy color 41.3457, 0.2866, 0.2796.



This preview shows how white text looks on a background with the Yxy color 41.3457, 0.2866, 0.2796.

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

41.3457, 0.2866, 0.2796

Protanopia

41.5724, 0.2781, 0.2802

Deuteranopia

41.2322, 0.2858, 0.2795



Tritanopia

41.4428, 0.2995, 0.3113

Trichromacy



Original Color

41.3457, 0.2866, 0.2796

Protanomaly

41.4699, 0.2811, 0.2804

Deuteranomaly

41.2322, 0.2858, 0.2795

Tritanomaly

41.5221, 0.2941, 0.2996

Monochromacy



Original Color

41.3457, 0.2866, 0.2796

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.0489, 0.3030, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3457, 0.2866, 0.2796 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(173, 168, 206)` looks like.

```
.text, #text, p{  
    color:rgb(173, 168, 206)  
}
```

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(173, 168, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 168, 206) }
```

Border

The CSS property to change the border of an element to Yxy 41.3457, 0.2866, 0.2796 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(173, 168, 206) }
```

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

```
.border{ border-color:rgb(173, 168, 206) }
```

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

Here you see how a box with a 4 pixel rgb(173, 168, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 168, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 168, 206);  
box-shadow:4px 4px 4px 4px rgb(173, 168,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3457, 0.2866, 0.2796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 168, 206) }
```

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

```
.background{ background-color: rgb(173,  
168, 206) }
```

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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