

Converting Colors

Yxy(39.9850, 0.2879, 0.2817)

Have a look what the booklet for
Yxy(39.9850, 0.2879, 0.2817)
contains.

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Color

Yxy(40.1474, 0.2886, 0.2828)

Conversions

Conversions Part 1	
Format	Color
Hex	ABA6C9
RGB	171, 166, 201
RGB Percent	67%, 65%, 79%
CMY	0.3295, 0.3490, 0.2118
CMYK	0.15, 0.17, 0.00, 0.21
HSL	249°, 24%, 72%
HSV	249°, 17%, 79%
XYZ	40.9708, 40.1474, 60.8457
YIQ	171.4850, -8.2550, 11.9450

Conversions

Conversions Part 2

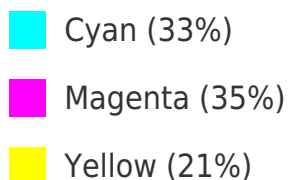
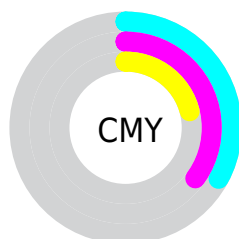
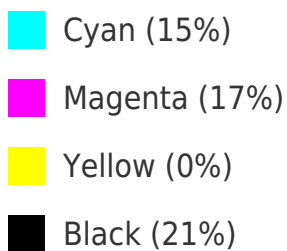
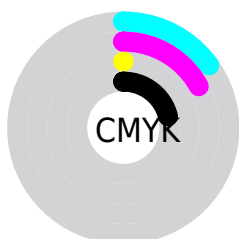
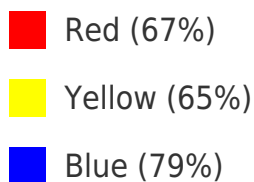
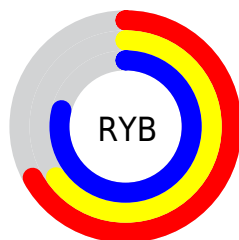
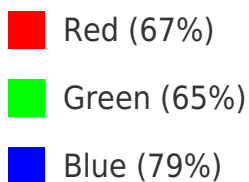
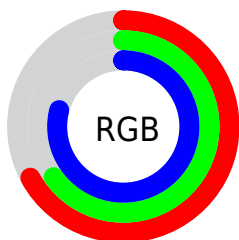
Format	Color
RYB	171, 166, 201
Decimal	11249353
CIELab	69.57, 8.85, -17.19
CIELCh	70, 19.336, 297.227
Yxy	40.1474, 0.2886, 0.2828
Android (android.graphics.Color)	4289439433 (0xFFABA6C9)
YUV	171.4850, 14.5509, -0.4253
Hunter-Lab	63.3620, 4.5373, -12.5821

Details

The Yxy color $40.1474, 0.2886, 0.2828$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $56.2636, 0.3345, 0.3724$, and the grayscale version is $40.9098, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.2638, 0.2953, 0.2940$, and $17.9928, 0.2806, 0.2692$ is the 20% darker color. If you saturate the color by 10%, you get $31.5920, 0.2722, 0.2523$, and if you desaturate by 10%, it is $50.1006, 0.3032, 0.3105$.

Distribution



Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1474, 0.2886, 0.2828 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 40.1474, 0.2886, 0.2828 by changing the saturation by 10% instead.

 40.1474, 0.2886,
0.2828


 40.1474, 0.2886,
0.2828


346.7444, 0.3010,
0.3059

 27.6535, 0.2854,
0.2771


 75.3879, 0.2932,
0.2912

 18.0646, 0.2812,
0.2697


 98.9033, 0.2949,
0.2943

 10.9964, 0.2755,
0.2600


126.8613, 0.2963,
0.2970

 6.0644, 0.2674,
0.2465

159.6463, 0.2976,
0.2993

 2.8843, 0.2550,
0.2268

197.6428, 0.2986,
0.3012

 1.0716, 0.2339,
0.1952


241.2350, 0.2995,

 0.0000, 0.1283,


0.3030


0.0000

290.8074, 0.3003,
0.3045

 0.0000, 0.0000,
0.0000


 40.1474, 0.2886,
0.2828


 40.1474, 0.2886,
0.2828


 31.5920, 0.2722,
0.2523


 50.1006, 0.3032,
0.3105


 24.3669, 0.2541,
0.2194


 61.5053, 0.3158,
0.3351


 18.4063, 0.2348,
0.1854

 74.4184, 0.3267,
0.3567

 13.6369, 0.2151,
0.1518

 88.8922, 0.3361,
0.3756

 9.9779, 0.1962,
0.1209

 96.9969, 0.3448,
0.3820

■ 7.3381, 0.1796,
0.0951

■ 5.6116, 0.1663,
0.0763

■ 4.6546, 0.1572,
0.0651

■ 4.4724, 0.1554,
0.0629

Harmonies

Analogous

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



40.1474, 0.2681, 0.2842



40.1474, 0.2886, 0.2828



40.1474, 0.3164, 0.2925

Triad

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



40.1474, 0.2886, 0.2828



40.1474, 0.3691, 0.3570



40.1474, 0.2811, 0.3476

Complementary

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



40.1474, 0.2886, 0.2828



56.2636, 0.3345, 0.3724

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.



40.1474, 0.3071, 0.3699



40.1474, 0.2886, 0.2828



40.1474, 0.3584, 0.3742

Square

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



40.1474, 0.2886, 0.2828



40.1474, 0.3639, 0.3340



40.1474, 0.3354, 0.3796



40.1474, 0.2640, 0.3205

Rectangle

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



40.1474, 0.2886, 0.2828



40.1474, 0.3355, 0.3039



40.1474, 0.3354, 0.3796



40.1474, 0.2891, 0.3560

Sweetspot

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



40.1491, 0.2886, 0.2828



90.1178, 0.3063, 0.3165



51.9546, 0.2864, 0.3229



19.0028, 0.3053, 0.3147



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.



40.1491, 0.2886, 0.2828



62.7691, 0.2824, 0.2713



42.2052, 0.3034, 0.2848



10.3587, 0.3004, 0.3053



2.8364, 0.1562, 0.0634



0.1583, 0.1722, 0.0722

Inverse Universe

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



43.6790, 0.3190, 0.2921



69.9822, 0.3205, 0.2837



54.0898, 0.3206, 0.3743



10.7897, 0.3159, 0.3094



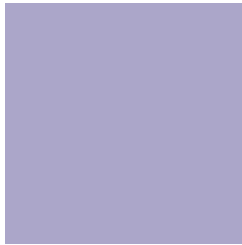
9.7004, 0.3601, 0.1757



0.4666, 0.3507, 0.1706

Previews

White Background



This preview shows how the Yxy color 40.1474, 0.2886, 0.2828 looks on a white background.

Color Contrast Check

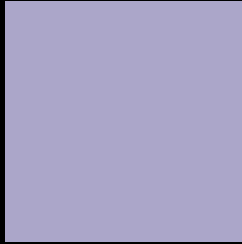
Large Text (above 18pt) WCAG AA × Fail

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 40.1474, 0.2886, 0.2828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

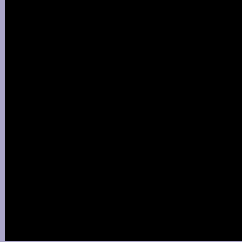
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1474, 0.2886, 0.2828

Background



This preview shows how black text looks on a background with the Yxy color 40.1474, 0.2886, 0.2828.



This preview shows how white text looks on a background with the Yxy color 40.1474, 0.2886, 0.2828.

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

40.1474, 0.2886, 0.2828

Protanopia

40.1036, 0.2806, 0.2822

Deuteranopia

40.1474, 0.2886, 0.2828



Tritanopia

40.1197, 0.3003, 0.3098

Trichromacy



Original Color
40.1474, 0.2886, 0.2828

Protanomaly
40.0087, 0.2837, 0.2824

Deuteranomaly
40.1474, 0.2886, 0.2828

Tritanomaly
40.1580, 0.2955, 0.2993

Monochromacy



Original Color
40.1474, 0.2886, 0.2828

Achromatopsia
40.7240, 0.3127, 0.3290

Achromatomaly
40.4113, 0.3037, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1474, 0.2886, 0.2828 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(171, 166, 201) looks like.

```
.text, #text, p{  
    color:rgb(171, 166, 201)  
}
```

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(171, 166, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 166, 201) }
```

Border

The CSS property to change the border of an element to Yxy 40.1474, 0.2886, 0.2828 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(171, 166, 201) }
```

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

```
.border{ border-color:rgb(171, 166, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 166, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 166, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 166, 201);  
box-shadow:4px 4px 4px 4px rgb(171, 166,  
201) }
```

Background

The CSS property to change the background color of an element to Yxy 40.1474, 0.2886, 0.2828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 166, 201) }
```

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

```
.background{ background-color: rgb(171,  
166, 201) }
```

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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