

Converting Colors

$Yxy(40.9941, 0.2898, 0.3747)$

Have a look what the booklet for
Yxy(40.9941, 0.2898, 0.3747)
contains.

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Color

Yxy(41.2033, 0.2900, 0.3748)

Conversions

Conversions Part 1

Format	Color
Hex	80B89A
RGB	128, 184, 154
RGB Percent	50%, 72%, 60%
CMY	0.4979, 0.2785, 0.3960
CMYK	0.30, 0.00, 0.16, 0.28
HSL	148°, 28%, 61%
HSV	148°, 30%, 72%
XYZ	31.8809, 41.2033, 36.8499
YIQ	163.8360, -23.7460, -21.2020

Conversions

Conversions Part 2

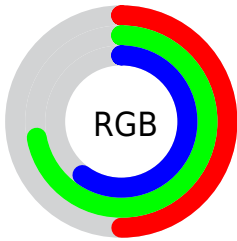
Format	Color
RYB	128, 166, 184
Decimal	8435866
CIELab	70.32, -24.66, 9.45
CIElCh	70, 26.406, 159.035
Yxy	41.2033, 0.2900, 0.3748
Android (android.graphics.Color)	4286625946 (0xFF80B89A)
YUV	163.8360, -4.8491, -31.4282
Hunter-Lab	64.1898, -23.6773, 10.8958

Details

The Yxy color **41.2033, 0.2900, 0.3748** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **28.1090, 0.3443, 0.2875**, and the grayscale version is **37.0796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8193, 0.2946, 0.3660**, and **18.7897, 0.2829, 0.3902** is the 20% darker color. If you saturate the color by 10%, you get **39.5894, 0.2836, 0.3930**, and if you desaturate by 10%, it is **43.1063, 0.2971, 0.3581**.

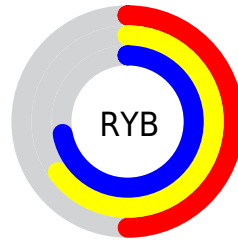
Distribution



Red (50%)

Green (72%)

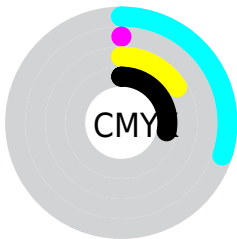
Blue (60%)



Red (50%)

Yellow (65%)

Blue (72%)

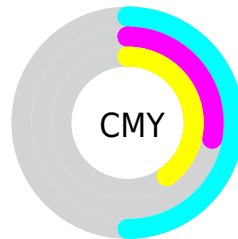


Cyan (30%)

Magenta (0%)

Yellow (16%)

Black (28%)



Cyan (50%)


Magenta (28%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2033, 0.2900, 0.3748 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 41.2033, 0.2900, 0.3748 by changing the saturation by 10% instead.

 41.2033, 0.2900,
0.3748

 41.2033, 0.2900,
0.3748


351.1696, 0.3019,
0.3507


 28.4780, 0.2868,
0.3812


 76.9924, 0.2945,
0.3657

 18.6863, 0.2826,
0.3898


 100.8250, 0.2961,
0.3624

 11.4438, 0.2768,
0.4016


 129.1288, 0.2975,
0.3597

 6.3662, 0.2682,
0.4191

162.2882, 0.2986,
0.3573

 3.0690, 0.2543,
0.4474

200.6875, 0.2996,
0.3553

 1.1679, 0.2165,
0.5226

244.7113, 0.3005,

 0.0352, 0.0000,

0.3536

1.0000

294.7439, 0.3013,
0.3521

0.0000, 0.0000,
0.0000

41.2033, 0.2900,
0.3748

41.2033, 0.2900,
0.3748

39.5894, 0.2836,
0.3930

43.1063, 0.2971,
0.3581

38.2449, 0.2782,
0.4124

45.3069, 0.3047,
0.3430

37.1556, 0.2742,
0.4328

47.8195, 0.3124,
0.3295

36.3036, 0.2719,
0.4537


50.6559, 0.3202,
0.3175

35.6689, 0.2714,
0.4745


53.8276, 0.3278,
0.3069

 35.2277, 0.2729,
0.4945

 57.3451, 0.3352,
0.2977

 34.9411, 0.2757,
0.5126

 60.8681, 0.3408,
0.2893

 61.4157, 0.3329,
0.2798

 61.9947, 0.3252,
0.2705

Harmonies

Analogous

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



41.2033, 0.3280, 0.3958



41.2033, 0.2900, 0.3748



41.2033, 0.2594, 0.3394

Triad

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



41.2033, 0.2900, 0.3748



41.2033, 0.2620, 0.2667



41.2033, 0.3877, 0.3473

Complementary

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



41.2033, 0.2900, 0.3748



28.1090, 0.3443, 0.2875

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.



41.2033, 0.3680, 0.3160



41.2033, 0.2900, 0.3748



41.2033, 0.2939, 0.2712

Square

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



41.2033, 0.2900, 0.3748



41.2033, 0.2441, 0.2774



41.2033, 0.3328, 0.2889



41.2033, 0.3857, 0.3764

Rectangle

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



41.2033, 0.2900, 0.3748



41.2033, 0.2467, 0.3145



41.2033, 0.3328, 0.2889



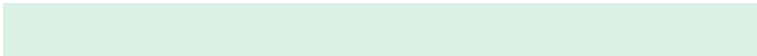
41.2033, 0.3834, 0.3367

Sweetspot

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



41.2050, 0.2900, 0.3748



82.6779, 0.3056, 0.3412



43.1907, 0.3349, 0.4098



17.6895, 0.3045, 0.3433



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.2050, 0.2900, 0.3748



72.8266, 0.2859, 0.3859



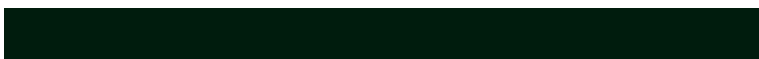
42.2158, 0.2714, 0.3330



10.1276, 0.3055, 0.3415



24.0967, 0.2751, 0.5103



0.8620, 0.2612, 0.4602

Inverse Universe

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



28.1090, 0.3443, 0.2875



45.5427, 0.3530, 0.2787



27.2740, 0.3765, 0.3252



9.0905, 0.3206, 0.3168



7.6531, 0.4782, 0.2408



0.2822, 0.4272, 0.2127

Previews

White Background



This preview shows how the Yxy color 41.2033, 0.2900, 0.3748 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 41.2033, 0.2900, 0.3748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

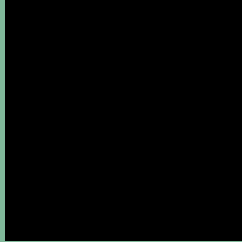
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2033, 0.2900, 0.3748

Background



This preview shows how black text looks on a background with the Yxy color 41.2033, 0.2900, 0.3748.



This preview shows how white text looks on a background with the Yxy color 41.2033, 0.2900, 0.3748.

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

41.2033, 0.2900, 0.3748

Protanopia

40.9357, 0.3419, 0.3621

Deuteranopia

40.7163, 0.3458, 0.3383



Tritanopia

41.3247, 0.2684, 0.3089

Trichromacy



Original Color

41.2033, 0.2900, 0.3748

Protanomaly

40.8297, 0.3207, 0.3665

Deuteranomaly

40.3744, 0.3226, 0.3502

Tritanomaly

41.2890, 0.2759, 0.3318

Monochromacy



Original Color

41.2033, 0.2900, 0.3748

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.2432, 0.3039, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2033, 0.2900, 0.3748 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(128, 184, 154)` looks like.

```
.text, #text, p{  
    color:rgb(128, 184, 154)  
}
```

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(128, 184, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 184, 154) }
```

Border

The CSS property to change the border of an element to Yxy 41.2033, 0.2900, 0.3748 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(128, 184, 154) }
```

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

```
.border{ border-color:rgb(128, 184, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 184, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 184, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 184, 154);  
box-shadow:4px 4px 4px 4px rgb(128, 184,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2033, 0.2900, 0.3748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 184, 154) }
```

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

```
.background{ background-color: rgb(128,  
184, 154) }
```

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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