

Converting Colors

$Yxy(40.9907, 0.2903, 0.3776)$

Have a look what the booklet for
Yxy(40.9907, 0.2903, 0.3776)
contains.

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Color

Yxy(41.0600, 0.2906, 0.3781)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7FB898 |
| RGB | 127, 184, 152 |
| RGB Percent | 50%, 72%, 60% |
| CMY | 0.5021, 0.2784, 0.4038 |
| CMYK | 0.31, 0.00, 0.17, 0.28 |
| HSL | 146°, 29%, 61% |
| HSV | 146°, 31%, 72% |
| XYZ | 31.5579, 41.0600, 35.9777 |
| YIQ | 163.3090, -23.7000, -22.0360 |

Conversions

Conversions Part 2

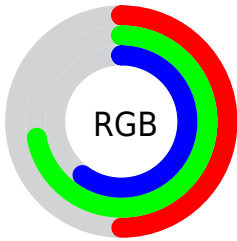
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 127, 167, 184 |
| Decimal | 8370328 |
| CIELab | 70.22, -25.40, 10.38 |
| CIElCh | 70, 27.443, 157.767 |
| Yxy | 41.0600, 0.2906, 0.3781 |
| Android (android.graphics.Color) | 4286560408 (0xFF7FB898) |
| YUV | 163.3090, -5.5753, -31.8430 |
| Hunter-Lab | 64.0781, -24.2270, 11.5653 |

Details

The Yxy color **41.0600, 0.2906, 0.3781** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **27.8626, 0.3434, 0.2847**, and the grayscale version is **36.8129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6002, 0.2951, 0.3684**, and **18.7087, 0.2839, 0.3950** is the 20% darker color. If you saturate the color by 10%, you get **39.4524, 0.2845, 0.3973**, and if you desaturate by 10%, it is **42.9584, 0.2974, 0.3605**.

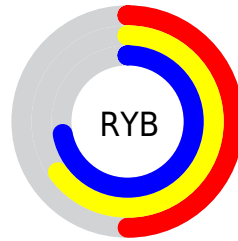
Distribution



Red (50%)

Green (72%)

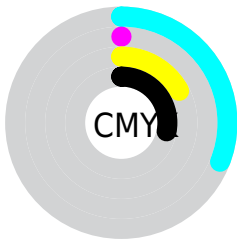
Blue (60%)



Red (50%)

Yellow (65%)

Blue (72%)

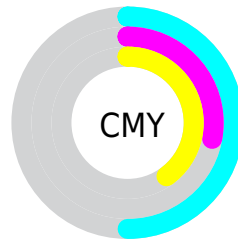


Cyan (31%)

Magenta (0%)

Yellow (17%)

Black (28%)



Cyan (50%)


Magenta (28%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0600, 0.2906, 0.3781 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 41.0600, 0.2906, 0.3781 by changing the saturation by 10% instead.


 41.0600, 0.2906,
0.3781

 41.0600, 0.2906,
0.3781


350.5713, 0.3023,
0.3522


 28.3660, 0.2875,
0.3850


 76.7750, 0.2950,
0.3684

 18.6017, 0.2833,
0.3942


 100.5647, 0.2966,
0.3648

 11.3828, 0.2775,
0.4070


 128.8218, 0.2979,
0.3618

 6.3250, 0.2689,
0.4260

161.9306, 0.2991,
0.3593

 3.0437, 0.2549,
0.4569

200.2756, 0.3001,
0.3572

 1.1546, 0.2151,
0.5458

244.2411, 0.3009,

 0.0241, 0.0000,

0.3553

1.0000

294.2115, 0.3016,
0.3537

■ 0.0000, 0.0000,
0.0000

■ 41.0600, 0.2906,
0.3781

■ 41.0600, 0.2906,
0.3781

■ 39.4524, 0.2845,
0.3973

■ 42.9584, 0.2974,
0.3605

■ 38.1157, 0.2795,
0.4178

■ 45.1562, 0.3046,
0.3446

■ 37.0354, 0.2758,
0.4392


■ 47.6680, 0.3120,
0.3303


■ 36.1936, 0.2737,
0.4611


■ 50.5057, 0.3194,
0.3177

■ 35.5698, 0.2735,
0.4827


■ 53.6809, 0.3266,
0.3066

 35.1399, 0.2752,
0.5033

 57.2043, 0.3337,
0.2968

 34.8761, 0.2779,
0.5205

 60.9397, 0.3398,
0.2882

 61.5175, 0.3316,
0.2782

 62.1298, 0.3236,
0.2686

Harmonies

Analogous

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



41.0600, 0.3302, 0.3991



41.0600, 0.2906, 0.3781



41.0600, 0.2583, 0.3414

Triad

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



41.0600, 0.2906, 0.3781



41.0600, 0.2589, 0.2644



41.0600, 0.3904, 0.3464

Complementary

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



41.0600, 0.2906, 0.3781



27.8626, 0.3434, 0.2847

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.



41.0600, 0.3689, 0.3141



41.0600, 0.2906, 0.3781



41.0600, 0.2915, 0.2685

Square

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



41.0600, 0.2906, 0.3781



41.0600, 0.2411, 0.2762



41.0600, 0.3319, 0.2863



41.0600, 0.3891, 0.3769

Rectangle

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



41.0600, 0.2906, 0.3781



41.0600, 0.2448, 0.3154



41.0600, 0.3319, 0.2863



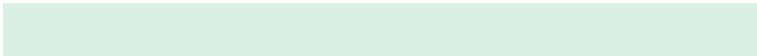
41.0600, 0.3856, 0.3355

Sweetspot

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



41.0617, 0.2906, 0.3781



82.6482, 0.3059, 0.3418



43.2165, 0.3362, 0.4112



17.6821, 0.3049, 0.3440



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.



41.0617, 0.2906, 0.3781



72.4405, 0.2865, 0.3906



42.0976, 0.2713, 0.3345



10.1239, 0.3058, 0.3421



24.0476, 0.2773, 0.5183



0.8602, 0.2629, 0.4666

Inverse Universe

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



27.8626, 0.3434, 0.2847



44.8143, 0.3523, 0.2750



26.9936, 0.3770, 0.3238



9.0943, 0.3203, 0.3163



7.7148, 0.4679, 0.2351



0.2842, 0.4203, 0.2089

Previews

White Background



This preview shows how the Yxy color 41.0600, 0.2906, 0.3781 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 41.0600, 0.2906, 0.3781 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 41.0600, 0.2906, 0.3781

Background



This preview shows how black text looks on a background with the Yxy color 41.0600, 0.2906, 0.3781.



This preview shows how white text looks on a background with the Yxy color 41.0600, 0.2906, 0.3781.

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

41.0600, 0.2906, 0.3781

Protanopia

40.8735, 0.3437, 0.3649

Deuteranopia

40.6480, 0.3477, 0.3410



Tritanopia

40.8419, 0.2675, 0.3074

Trichromacy



Original Color

41.0600, 0.2906, 0.3781

Protanomaly

40.7659, 0.3223, 0.3694

Deuteranomaly

40.3066, 0.3243, 0.3530

Tritanomaly

40.7624, 0.2758, 0.3318

Monochromacy



Original Color

41.0600, 0.2906, 0.3781

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

38.1131, 0.3039, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0600, 0.2906, 0.3781 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(127, 184, 152)` looks like.

```
.text, #text, p{  
    color:rgb(127, 184, 152)  
}
```

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(127, 184, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 184, 152) }
```

Border

The CSS property to change the border of an element to Yxy 41.0600, 0.2906, 0.3781 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(127, 184, 152) }
```

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

```
.border{ border-color:rgb(127, 184, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 184, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 184, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 184, 152);  
box-shadow:4px 4px 4px 4px rgb(127, 184,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0600, 0.2906, 0.3781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 184, 152) }
```

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

```
.background{ background-color: rgb(127,  
184, 152) }
```

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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