

Converting Colors

$Yxy(41.7317, 0.3030, 0.3783)$

Have a look what the booklet for
Yxy(41.7317, 0.3030, 0.3783)
contains.

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Color

Yxy(41.7317, 0.3030, 0.3783)

Conversions

Conversions Part 1

Format	Color
Hex	8DB796
RGB	141, 183, 150
RGB Percent	55%, 72%, 59%
CMY	0.4470, 0.2823, 0.4117
CMYK	0.23, 0.00, 0.18, 0.28
HSL	133°, 23%, 64%
HSV	133°, 23%, 72%
XYZ	33.4251, 41.7317, 35.1570
YIQ	166.6800, -14.4390, -19.1670

Conversions

Conversions Part 2

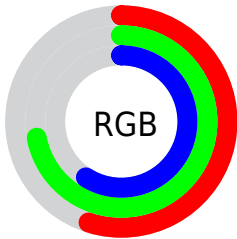
Format	Color
RYB	141, 176, 183
Decimal	9287574
CIELab	70.69, -20.72, 12.25
CIELCh	71, 24.070, 149.409
Yxy	41.7317, 0.3030, 0.3783
Android (android.graphics.Color)	4287477654 (0xFF8DB796)
YUV	166.6800, -8.2232, -22.5214
Hunter-Lab	64.6001, -20.6915, 12.9529

Details

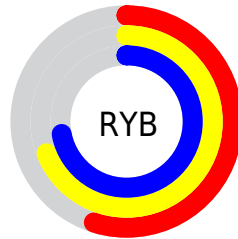
The Yxy color **41.7317, 0.3030, 0.3783** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.1743, 0.3242, 0.2843**, and the grayscale version is **38.5278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6947, 0.3050, 0.3687**, and **19.0398, 0.2998, 0.3949** is the 20% darker color. If you saturate the color by 10%, you get **39.8245, 0.2990, 0.4039**, and if you desaturate by 10%, it is **43.9643, 0.3072, 0.3552**.

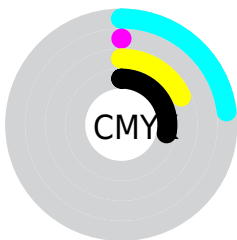
Distribution



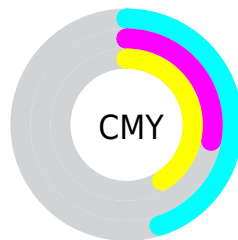
- Red (55%)
- Green (72%)
- Blue (59%)



- Red (55%)
- Yellow (69%)
- Blue (72%)



- Cyan (23%)
- Magenta (0%)
- Yellow (18%)
- Black (28%)





- Cyan (45%)
- Magenta (28%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7317, 0.3030, 0.3783 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 41.7317, 0.3030, 0.3783 by changing the saturation by 10% instead.


 41.7317, 0.3030,
0.3783


 41.7317, 0.3030,
0.3783


353.3695, 0.3083,
0.3524

 28.8913, 0.3015,
0.3852


 77.7934, 0.3051,
0.3686

 18.9986, 0.2994,
0.3943


 101.7835, 0.3058,
0.3650

 11.6693, 0.2965,
0.4070


 130.2588, 0.3064,
0.3621

 6.5189, 0.2920,
0.4256

163.6040, 0.3069,
0.3595

 3.1631, 0.2842,
0.4557

202.2032, 0.3074,
0.3574

 1.2175, 0.2728,
0.5369

246.4409, 0.3077,


 0.0759, 0.0000,


0.3555

1.0000


296.7016, 0.3081,
0.3539


 0.0000, 0.0000,
0.0000


 41.7317, 0.3030,
0.3783


 41.7317, 0.3030,
0.3783


 39.8245, 0.2990,
0.4039


 43.9643, 0.3072,
0.3552

 38.2223, 0.2954,
0.4316


 46.5311, 0.3115,
0.3346

 36.9106, 0.2925,
0.4607

 49.4469, 0.3156,
0.3165

 35.8716, 0.2905,
0.4902

 52.7244, 0.3196,
0.3007

 35.0856, 0.2897,
0.5185

 56.3754, 0.3234,
0.2869

■ 34.5298, 0.2903,
0.5440

■ 60.4112, 0.3270,
0.2750

■ 34.1777, 0.2921,
0.5653

■ 62.0683, 0.3193,
0.2624

■ 34.0159, 0.2937,
0.5773

■ 62.3474, 0.3160,
0.2585

Harmonies

Analogous

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



41.7317, 0.3378, 0.3914



41.7317, 0.3030, 0.3783



41.7317, 0.2720, 0.3494

Triad

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



41.7317, 0.3030, 0.3783



41.7317, 0.2597, 0.2738



41.7317, 0.3770, 0.3367

Complementary

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



41.7317, 0.3030, 0.3783



32.1743, 0.3242, 0.2843

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.



41.7317, 0.3537, 0.3086



41.7317, 0.3030, 0.3783



41.7317, 0.2853, 0.2734

Square

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



41.7317, 0.3030, 0.3783



41.7317, 0.2480, 0.2884



41.7317, 0.3196, 0.2860



41.7317, 0.3817, 0.3646

Rectangle

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



41.7317, 0.3030, 0.3783



41.7317, 0.2573, 0.3267



41.7317, 0.3196, 0.2860



41.7317, 0.3710, 0.3270

Sweetspot

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



41.7335, 0.3030, 0.3783



81.3448, 0.3097, 0.3429



44.8587, 0.3391, 0.3868



17.9057, 0.3095, 0.3441



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.



41.7335, 0.3030, 0.3783



72.7880, 0.3007, 0.3921



42.4482, 0.2881, 0.3473



10.0908, 0.3088, 0.3475



23.7383, 0.2932, 0.5755



0.8461, 0.2795, 0.5261

Inverse Universe

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



32.1743, 0.3242, 0.2843



52.3829, 0.3275, 0.2732



31.4389, 0.3454, 0.3115



9.1288, 0.3169, 0.3112



8.4319, 0.3830, 0.1884



0.3056, 0.3641, 0.1780

Previews

White Background



This preview shows how the Yxy color 41.7317, 0.3030, 0.3783 looks on a white background.

Color Contrast Check

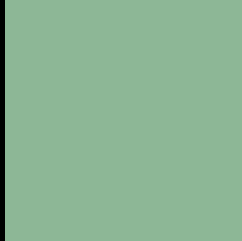
Large Text (above 18pt) WCAG AA × Fail

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 41.7317, 0.3030, 0.3783 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 41.7317, 0.3030, 0.3783

Background



This preview shows how black text looks on a background with the Yxy color 41.7317, 0.3030, 0.3783.



This preview shows how white text looks on a background with the Yxy color 41.7317, 0.3030, 0.3783.

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

41.7317, 0.3030, 0.3783

Protanopia

41.4945, 0.3453, 0.3660

Deuteranopia

41.3413, 0.3522, 0.3448



Tritanopia

41.5018, 0.2783, 0.3093

Trichromacy



Original Color

41.7317, 0.3030, 0.3783

Protanomaly

41.3727, 0.3286, 0.3702

Deuteranomaly

41.0351, 0.3326, 0.3554

Tritanomaly

41.3945, 0.2869, 0.3333

Monochromacy



Original Color

41.7317, 0.3030, 0.3783

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.7294, 0.3092, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7317, 0.3030, 0.3783 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(141, 183, 150)` looks like.

```
.text, #text, p{  
    color:rgb(141, 183, 150)  
}
```

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(141, 183, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 183, 150) }
```

Border

The CSS property to change the border of an element to Yxy 41.7317, 0.3030, 0.3783 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(141, 183, 150) }
```

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

```
.border{ border-color:rgb(141, 183, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 183, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 183, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 183, 150);  
box-shadow:4px 4px 4px 4px rgb(141, 183,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7317, 0.3030, 0.3783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 183, 150) }
```

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

```
.background{ background-color: rgb(141,  
183, 150) }
```

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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