

Converting Colors

$Yxy(40.8414, 0.3098, 0.3833)$

Have a look what the booklet for
Yxy(40.8414, 0.3098, 0.3833)
contains.

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Color

Yxy(40.9907, 0.3101, 0.3845)

Conversions

Conversions Part 1

Format	Color
Hex	90B590
RGB	144, 181, 144
RGB Percent	56%, 71%, 56%
CMY	0.4353, 0.2902, 0.4353
CMYK	0.20, 0.00, 0.20, 0.29
HSL	120°, 20%, 64%
HSV	120°, 20%, 71%
XYZ	33.0591, 40.9907, 32.5580
YIQ	165.7190, -10.1750, -19.3510

Conversions

Conversions Part 2

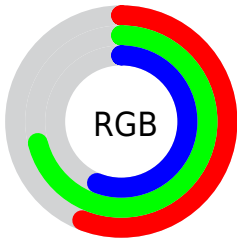
Format	Color
R_YB	144, 181, 181
Decimal	9483664
CIE Lab	70.17, -19.79, 14.83
CIE LCh	70, 24.727, 143.156
Yxy	40.9907, 0.3101, 0.3845
Android (android.graphics.Color)	4287673744 (0xFF90B590)
YUV	165.7190, -10.7075, -19.0476
Hunter-Lab	64.0240, -19.8727, 14.6661

Details

The Yxy color $40.9907, 0.3101, 0.3845$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $33.1049, 0.3151, 0.2791$, and the grayscale version is $38.0473, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.6514, 0.3106, 0.3734$, and $18.5737, 0.3082, 0.4016$ is the 20% darker color. If you saturate the color by 10%, you get $38.9815, 0.3086, 0.4166$, and if you desaturate by 10%, it is $43.3534, 0.3115, 0.3556$.

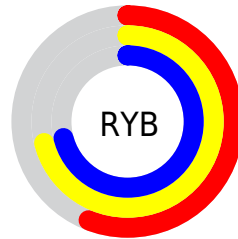
Distribution



Red (56%)

Green (71%)

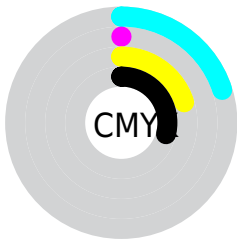
Blue (56%)



Red (56%)

Yellow (71%)

Blue (71%)

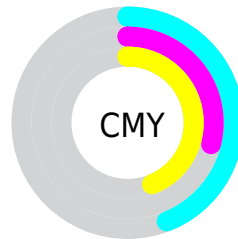


Cyan (20%)

Magenta (0%)

Yellow (20%)

Black (29%)



Cyan (44%)


Magenta (29%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9907, 0.3101, 0.3845 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 40.9907, 0.3101, 0.3845 by changing the saturation by 10% instead.


 40.9907, 0.3101,
0.3845


 40.9907, 0.3101,
0.3845


350.2817, 0.3119,
0.3552

 28.3118, 0.3095,
0.3923


 76.6698, 0.3109,
0.3735

 18.5608, 0.3085,
0.4027


 100.4388, 0.3112,
0.3695

 11.3534, 0.3070,
0.4171


128.6732, 0.3114,
0.3661

 6.3051, 0.3044,
0.4384

161.7576, 0.3115,
0.3633

 3.0314, 0.2991,
0.4729

200.0762, 0.3116,
0.3608

 1.1482, 0.3050,
0.5967

244.0135, 0.3118,

 0.0188, 0.0000,

0.3587

1.0000

293.9539, 0.3118,
0.3569

■ 0.0000, 0.0000,
0.0000

■ 40.9907, 0.3101,
0.3845

■ 40.9907, 0.3101,
0.3845

■ 38.9815, 0.3086,
0.4166

■ 43.3534, 0.3115,
0.3556

■ 37.3039, 0.3070,
0.4512

■ 46.0798, 0.3127,
0.3301

■ 35.9416, 0.3053,
0.4867


■ 49.1863, 0.3137,
0.3079


■ 34.8750, 0.3037,
0.5211


■ 52.6868, 0.3146,
0.2888

■ 34.0821, 0.3022,
0.5516


■ 56.5943, 0.3154,
0.2723

 33.5380, 0.3011,
0.5757

 60.9213, 0.3161,
0.2583

 33.2133, 0.3004,
0.5916

 61.5298, 0.3161,
0.2566

 33.0500, 0.3000,
0.6000

Harmonies

Analogous

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



40.9907, 0.3457, 0.3938



40.9907, 0.3101, 0.3845



40.9907, 0.2765, 0.3572

Triad

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



40.9907, 0.3101, 0.3845



40.9907, 0.2542, 0.2739



40.9907, 0.3756, 0.3306

Complementary

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



40.9907, 0.3101, 0.3845



33.1049, 0.3151, 0.2791

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.



40.9907, 0.3483, 0.3024



40.9907, 0.3101, 0.3845



40.9907, 0.2779, 0.2705

Square

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



40.9907, 0.3101, 0.3845



40.9907, 0.2455, 0.2919



40.9907, 0.3121, 0.2810



40.9907, 0.3848, 0.3600

Rectangle

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



40.9907, 0.3101, 0.3845



40.9907, 0.2596, 0.3339



40.9907, 0.3121, 0.2810



40.9907, 0.3681, 0.3208

Sweetspot

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



40.9924, 0.3101, 0.3845



79.6808, 0.3120, 0.3441



44.8876, 0.3430, 0.3791



17.1556, 0.3119, 0.3457



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



40.9924, 0.3101, 0.3845



71.5457, 0.3094, 0.4001



41.6050, 0.2961, 0.3561



9.4901, 0.3116, 0.3525



22.7826, 0.3000, 0.6000



0.7169, 0.3000, 0.5998

Inverse Universe

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



33.1049, 0.3151, 0.2791



54.5989, 0.3157, 0.2669



32.3955, 0.3333, 0.3034



8.6467, 0.3138, 0.3066



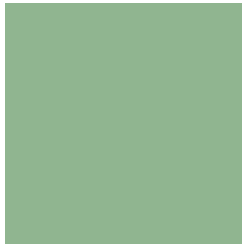
9.0702, 0.3210, 0.1542



0.2854, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 40.9907, 0.3101, 0.3845 looks on a white background.

Color Contrast Check

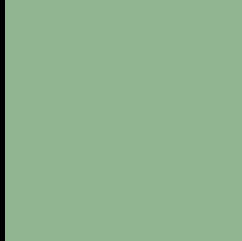
Large Text (above 18pt) WCAG AA × Fail

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 40.9907, 0.3101, 0.3845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

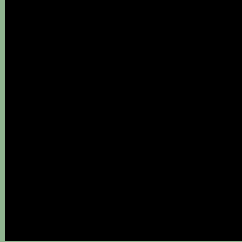
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9907, 0.3101, 0.3845

Background



This preview shows how black text looks on a background with the Yxy color 40.9907, 0.3101, 0.3845.

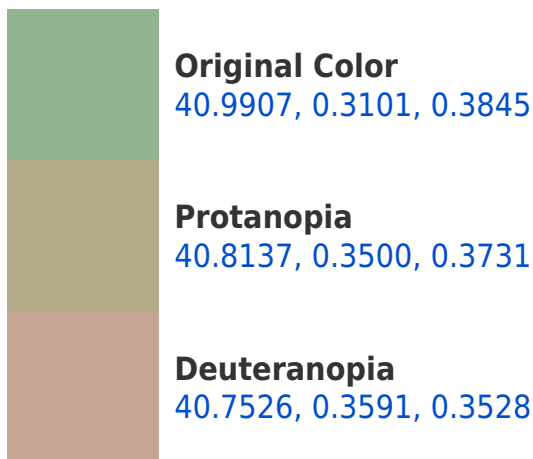


This preview shows how white text looks on a background with the Yxy color 40.9907, 0.3101, 0.3845.

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





Tritanopia

41.0095, 0.2826, 0.3094

Trichromacy



Original Color

40.9907, 0.3101, 0.3845

Protanomaly

40.9079, 0.3348, 0.3775

Deuteranomaly

40.5483, 0.3399, 0.3638

Tritanomaly

40.8510, 0.2922, 0.3347

Monochromacy



Original Color

40.9907, 0.3101, 0.3845

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.8635, 0.3118, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9907, 0.3101, 0.3845 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(144, 181, 144)` looks like.

```
.text, #text, p{  
    color:rgb(144, 181, 144)  
}
```

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(144, 181, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 181, 144) }
```

Border

The CSS property to change the border of an element to Yxy 40.9907, 0.3101, 0.3845 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(144, 181, 144) }
```

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

```
.border{ border-color:rgb(144, 181, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 181, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 181, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 181, 144);  
box-shadow:4px 4px 4px 4px rgb(144, 181,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9907, 0.3101, 0.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 181, 144) }
```

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

```
.background{ background-color: rgb(144,  
181, 144) }
```

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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