

Converting Colors

$Yxy(40.9280, 0.3066, 0.3882)$

Have a look what the booklet for
Yxy(40.9280, 0.3066, 0.3882)
contains.

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Color

Yxy(40.9280, 0.3066, 0.3882)

Conversions

Conversions Part 1

Format	Color
Hex	8BB68F
RGB	139, 182, 143
RGB Percent	55%, 71%, 56%
CMY	0.4551, 0.2862, 0.4393
CMYK	0.24, 0.00, 0.21, 0.29
HSL	126°, 23%, 63%
HSV	126°, 24%, 71%
XYZ	32.3249, 40.9280, 32.1773
YIQ	164.6970, -13.1090, -21.2450

Conversions

Conversions Part 2

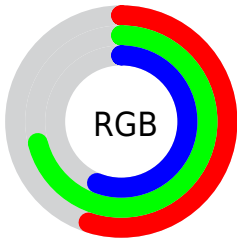
Format	Color
RYB	139, 178, 182
Decimal	9156239
CIELab	70.13, -22.22, 15.28
CIELCh	70, 26.965, 145.496
Yxy	40.9280, 0.3066, 0.3882
Android (android.graphics.Color)	4287346319 (0xFF8BB68F)
YUV	164.6970, -10.6966, -22.5363
Hunter-Lab	63.9750, -21.7648, 14.9616

Details

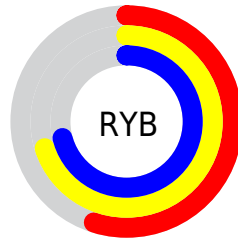
The Yxy color **40.9280, 0.3066, 0.3882** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.6082, 0.3194, 0.2762**, and the grayscale version is **37.5259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5177, 0.3079, 0.3761**, and **18.5655, 0.3036, 0.4069** is the 20% darker color. If you saturate the color by 10%, you get **39.0284, 0.3040, 0.4181**, and if you desaturate by 10%, it is **43.1654, 0.3092, 0.3611**.

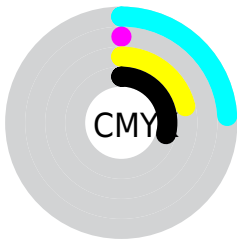
Distribution



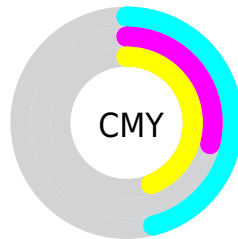
- Red (55%)
- Green (71%)
- Blue (56%)



- Red (55%)
- Yellow (70%)
- Blue (71%)



- Cyan (24%)
- Magenta (0%)
- Yellow (21%)
- Black (29%)





- Cyan (46%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.9280, 0.3066, 0.3882 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 40.9280, 0.3066, 0.3882 by changing the saturation by 10% instead.


 40.9280, 0.3066,
0.3882


 40.9280, 0.3066,
0.3882


350.0196, 0.3103,
0.3569


 28.2628, 0.3055,
0.3966


 76.5746, 0.3081,
0.3764

 18.5239, 0.3038,
0.4078


 100.3248, 0.3086,
0.3721

 11.3268, 0.3014,
0.4233


 128.5388, 0.3090,
0.3685

 6.2871, 0.2973,
0.4464

161.6010, 0.3094,
0.3655

 3.0204, 0.2897,
0.4838

199.8958, 0.3097,
0.3629

 1.1424, 0.2877,
0.6284

243.8075, 0.3099,

 0.0139, 0.0000,

0.3606

1.0000

293.7207, 0.3101,
0.3586

0.0000, 0.0000,
0.0000

40.9280, 0.3066,
0.3882

40.9280, 0.3066,
0.3882

39.0284, 0.3040,
0.4181

43.1654, 0.3092,
0.3611

37.4453, 0.3016,
0.4501

45.7503, 0.3118,
0.3371

36.1629, 0.2995,
0.4831


48.6987, 0.3142,
0.3160

35.1621, 0.2979,
0.5153


52.0237, 0.3165,
0.2977

34.4217, 0.2971,
0.5446


55.7382, 0.3186,
0.2819

 33.9172, 0.2971,
0.5688

 59.8541, 0.3205,
0.2683

 33.6196, 0.2978,
0.5861

 61.9431, 0.3161,
0.2575

 33.5039, 0.2982,
0.5935

Harmonies

Analogous

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



40.9280, 0.3456, 0.3999



40.9280, 0.3066, 0.3882



40.9280, 0.2708, 0.3570

Triad

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



40.9280, 0.3066, 0.3882



40.9280, 0.2506, 0.2682



40.9280, 0.3829, 0.3330

Complementary

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



40.9280, 0.3066, 0.3882



31.6082, 0.3194, 0.2762

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.



40.9280, 0.3543, 0.3023



40.9280, 0.3066, 0.3882



40.9280, 0.2773, 0.2660

Square

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



40.9280, 0.3066, 0.3882



40.9280, 0.2399, 0.2863



40.9280, 0.3150, 0.2784



40.9280, 0.3912, 0.3647

Rectangle

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



40.9280, 0.3066, 0.3882



40.9280, 0.2532, 0.3312



40.9280, 0.3150, 0.2784



40.9280, 0.3753, 0.3223

Sweetspot

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



40.9297, 0.3066, 0.3882



81.2366, 0.3109, 0.3450



44.8411, 0.3446, 0.3877



17.8800, 0.3108, 0.3464



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.



40.9297, 0.3066, 0.3882



72.4588, 0.3053, 0.4022



41.6297, 0.2910, 0.3555



10.0735, 0.3104, 0.3503



23.6596, 0.2979, 0.5925



0.8387, 0.2903, 0.5650

Inverse Universe

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



31.6082, 0.3194, 0.2762



52.8255, 0.3210, 0.2653



30.8256, 0.3412, 0.3040



9.1478, 0.3152, 0.3085



8.9442, 0.3457, 0.1678



0.3196, 0.3386, 0.1639

Previews

White Background



This preview shows how the Yxy color 40.9280, 0.3066, 0.3882 looks on a white background.

Color Contrast Check

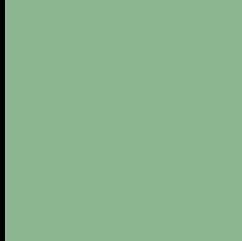
Large Text (above 18pt) WCAG AA × Fail

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 40.9280, 0.3066, 0.3882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

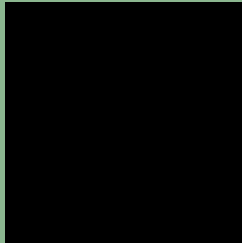
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9280, 0.3066, 0.3882

Background



This preview shows how black text looks on a background with the Yxy color 40.9280, 0.3066, 0.3882.



This preview shows how white text looks on a background with the Yxy color 40.9280, 0.3066, 0.3882.

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

40.9280, 0.3066, 0.3882

Protanopia

40.7557, 0.3517, 0.3759

Deuteranopia

40.3933, 0.3594, 0.3515



Tritanopia

40.9714, 0.2781, 0.3092

Trichromacy



Original Color

40.9280, 0.3066, 0.3882

Protanomaly

40.6310, 0.3346, 0.3807

Deuteranomaly

40.3151, 0.3380, 0.3640

Tritanomaly

40.7872, 0.2882, 0.3362

Monochromacy



Original Color

40.9280, 0.3066, 0.3882

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.6281, 0.3109, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9280, 0.3066, 0.3882 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(139, 182, 143)` looks like.

```
.text, #text, p{  
    color:rgb(139, 182, 143)  
}
```

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(139, 182, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 182, 143) }
```

Border

The CSS property to change the border of an element to Yxy 40.9280, 0.3066, 0.3882 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(139, 182, 143) }
```

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

```
.border{ border-color:rgb(139, 182, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 182, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 182, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 182, 143);  
box-shadow:4px 4px 4px 4px rgb(139, 182,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9280, 0.3066, 0.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 182, 143) }
```

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

```
.background{ background-color: rgb(139,  
182, 143) }
```

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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