

Converting Colors

$Yxy(41.2921, 0.3279, 0.4397)$

Have a look what the booklet for
Yxy(41.2921, 0.3279, 0.4397)
contains.

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Color

Yxy(41.2935, 0.3275, 0.4389)

Conversions

Conversions Part 1

Format	Color
Hex	8AB971
RGB	138, 185, 113
RGB Percent	54%, 73%, 44%
CMY	0.4588, 0.2745, 0.5567
CMYK	0.25, 0.00, 0.39, 0.27
HSL	99°, 34%, 58%
HSV	99°, 39%, 73%
XYZ	30.8125, 41.2935, 21.9780
YIQ	162.7390, -4.9000, -32.3560

Conversions

Conversions Part 2

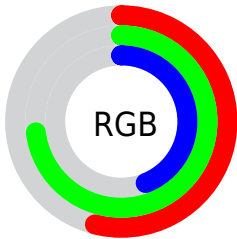
Format	Color
RYB	113, 185, 160
Decimal	9091441
CIELab	70.38, -28.85, 31.61
CIElCh	70, 42.801, 132.387
Yxy	41.2935, 0.3275, 0.4389
Android (android.graphics.Color)	4287281521 (0xFF8AB971)
YUV	162.7390, -24.5213, -21.6961
Hunter-Lab	64.2600, -26.8647, 24.7038

Details

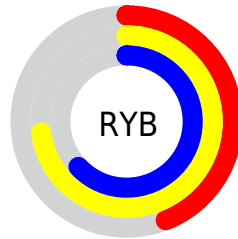
The Yxy color **41.2935, 0.3275, 0.4389** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **22.7970, 0.2896, 0.2263**, and the grayscale version is **36.6181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0012, 0.3260, 0.4160**, and **18.8511, 0.3281, 0.4752** is the 20% darker color. If you saturate the color by 10%, you get **39.9462, 0.3297, 0.4706**, and if you desaturate by 10%, it is **42.8440, 0.3244, 0.4078**.

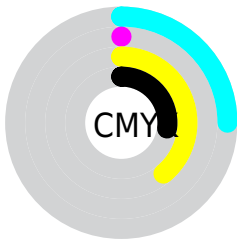
Distribution



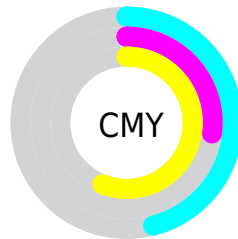
- Red (54%)
- Green (73%)
- Blue (44%)



- Red (44%)
- Yellow (73%)
- Blue (63%)



- Cyan (25%)
- Magenta (0%)
- Yellow (39%)
- Black (27%)





- Cyan (46%)
- Magenta (27%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2935, 0.3275, 0.4389 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 41.2935, 0.3275, 0.4389 by changing the saturation by 10% instead.


 41.2935, 0.3275,
0.4389


 41.2935, 0.3275,
0.4389


351.5458, 0.3218,
0.3803


 28.5485, 0.3281,
0.4546


 77.1292, 0.3260,
0.4168


 18.7395, 0.3284,
0.4753


 100.9888, 0.3252,
0.4087

 11.4822, 0.3277,
0.5038


 129.3219, 0.3245,
0.4020

 6.3922, 0.3243,
0.5446

 162.5131, 0.3239,
0.3963

 3.0850, 0.3235,
0.6264

200.9466, 0.3233,
0.3914

 1.1763, 0.2480,
0.7520

245.0070, 0.3228,

 0.0422, 0.0000,

0.3872

1.0000

295.0786, 0.3223,
0.3835

■ 0.0000, 0.0000,
0.0000

■ 41.2935, 0.3275,
0.4389

■ 41.2935, 0.3275,
0.4389

■ 39.9462, 0.3297,
0.4706

■ 42.8440, 0.3244,
0.4078

■ 38.7877, 0.3307,
0.5015

■ 44.6006, 0.3206,
0.3784

■ 37.8103, 0.3301,
0.5298

■ 46.5729, 0.3165,
0.3511

■ 37.0030, 0.3278,
0.5538


■ 48.7683, 0.3122,
0.3264


■ 36.3539, 0.3239,
0.5719


■ 51.1938, 0.3080,
0.3042

 35.8447, 0.3190,
0.5841

 53.8561, 0.3039,
0.2845

 35.7951, 0.3185,
0.5853

 56.7617, 0.3000,
0.2671

 59.5219, 0.3004,
0.2571

 61.6447, 0.3096,
0.2591

Harmonies

Analogous

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



41.2935, 0.3856, 0.4372



41.2935, 0.3275, 0.4389



41.2935, 0.2684, 0.4000

Triad

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



41.2935, 0.3275, 0.4389



41.2935, 0.2082, 0.2436



41.2935, 0.4078, 0.3118

Complementary

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



41.2935, 0.3275, 0.4389



22.7970, 0.2896, 0.2263

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.



41.2935, 0.3512, 0.2705



41.2935, 0.3275, 0.4389



41.2935, 0.2373, 0.2320

Square

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



41.2935, 0.3275, 0.4389



41.2935, 0.2034, 0.2793



41.2935, 0.2880, 0.2422



41.2935, 0.4359, 0.3591

Rectangle

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



41.2935, 0.3275, 0.4389



41.2935, 0.2365, 0.3587



41.2935, 0.2880, 0.2422



41.2935, 0.3911, 0.2970

Sweetspot

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



41.2953, 0.3275, 0.4389



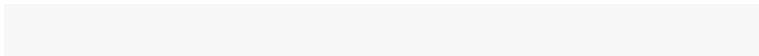
82.2026, 0.3179, 0.3598



36.5841, 0.3823, 0.3937



17.6220, 0.3184, 0.3633



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.



41.2953, 0.3275, 0.4389



71.7981, 0.3295, 0.4670



39.6625, 0.2999, 0.4281



10.2076, 0.3167, 0.3523



24.4096, 0.3193, 0.5846



0.8957, 0.3410, 0.5674

Inverse Universe

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



22.7970, 0.2896, 0.2263



33.8265, 0.2824, 0.2022



25.1960, 0.3291, 0.2470



9.0026, 0.3084, 0.3061



5.1853, 0.2362, 0.1075



0.2158, 0.2586, 0.1199

Previews

White Background



This preview shows how the Yxy color 41.2935, 0.3275, 0.4389 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 41.2935, 0.3275, 0.4389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

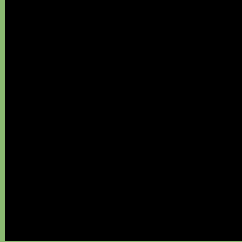
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2935, 0.3275, 0.4389

Background



This preview shows how black text looks on a background with the Yxy color 41.2935, 0.3275, 0.4389.



This preview shows how white text looks on a background with the Yxy color 41.2935, 0.3275, 0.4389.

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

41.2935, 0.3275, 0.4389

Protanopia

41.1526, 0.3825, 0.4147

Deuteranopia

40.8381, 0.3959, 0.3875



Tritanopia

41.2524, 0.2804, 0.3093

Trichromacy



Original Color

41.2935, 0.3275, 0.4389

Protanomaly

41.0051, 0.3608, 0.4239

Deuteranomaly

40.5898, 0.3698, 0.4061

Tritanomaly

40.9598, 0.2981, 0.3539

Monochromacy



Original Color

41.2935, 0.3275, 0.4389

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

38.0402, 0.3191, 0.3678

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2935, 0.3275, 0.4389 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(138, 185, 113)` looks like.

```
.text, #text, p{  
    color:rgb(138, 185, 113)  
}
```

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(138, 185, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 185, 113) }
```

Border

The CSS property to change the border of an element to Yxy 41.2935, 0.3275, 0.4389 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(138, 185, 113) }
```

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

```
.border{ border-color:rgb(138, 185, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 185, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 185, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 185, 113);  
box-shadow:4px 4px 4px 4px rgb(138, 185,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2935, 0.3275, 0.4389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 185, 113) }
```

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

```
.background{ background-color: rgb(138,  
185, 113) }
```

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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