

Converting Colors

$Yxy(42.9562, 0.3145, 0.4028)$

Have a look what the booklet for
Yxy(42.9562, 0.3145, 0.4028)
contains.

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Color

Yxy(42.7636, 0.3141, 0.4022)

Conversions

Conversions Part 1

Format	Color
Hex	8FBA89
RGB	143, 186, 137
RGB Percent	56%, 73%, 54%
CMY	0.4394, 0.2705, 0.4627
CMYK	0.23, 0.00, 0.26, 0.27
HSL	113°, 26%, 63%
HSV	113°, 26%, 73%
XYZ	33.3964, 42.7636, 30.1642
YIQ	167.5570, -9.8990, -24.3550

Conversions

Conversions Part 2

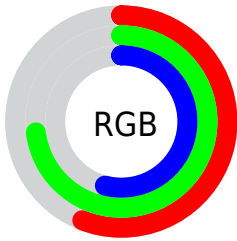
Format	Color
RYB	137, 186, 180
Decimal	9419401
CIELab	71.39, -23.88, 20.30
CIElCh	71, 31.340, 139.627
Yxy	42.7636, 0.3141, 0.4022
Android (android.graphics.Color)	4287609481 (0xFF8FBA89)
YUV	167.5570, -15.0646, -21.5365
Hunter-Lab	65.3939, -23.2799, 18.4271

Details

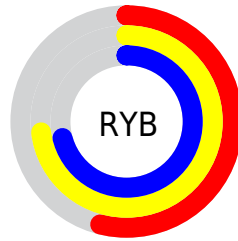
The Yxy color **42.7636, 0.3141, 0.4022** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.1517, 0.3097, 0.2632**, and the grayscale version is **39.0052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2716, 0.3145, 0.3869**, and **19.6873, 0.3124, 0.4264** is the 20% darker color. If you saturate the color by 10%, you get **40.9232, 0.3141, 0.4350**, and if you desaturate by 10%, it is **44.9122, 0.3138, 0.3719**.

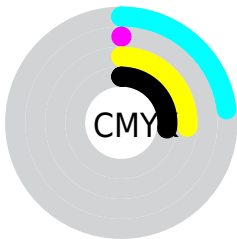
Distribution



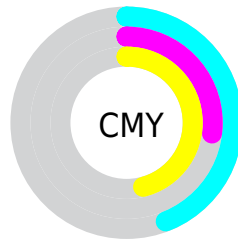
- Red (56%)
- Green (73%)
- Blue (54%)



- Red (54%)
- Yellow (73%)
- Blue (71%)



- Cyan (23%)
- Magenta (0%)
- Yellow (26%)
- Black (27%)



- Cyan (44%)
- Magenta (27%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.7636, 0.3141, 0.4022 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 42.7636, 0.3141, 0.4022 by changing the saturation by 10% instead.


 42.7636, 0.3141,
0.4022


 42.7636, 0.3141,
0.4022


357.6387, 0.3142,
0.3636

 29.6997, 0.3138,
0.4125


 79.3540, 0.3144,
0.3877

 19.6107, 0.3131,
0.4261


 103.6493, 0.3144,
0.3824

 12.1124, 0.3119,
0.4449


 132.4571, 0.3144,
0.3780

 6.8203, 0.3093,
0.4724

166.1619, 0.3144,
0.3742

 3.3500, 0.3032,
0.5161

205.1481, 0.3143,
0.3710

 1.3171, 0.3187,
0.6813

249.8000, 0.3143,

 0.1543, 0.0000,

0.3682

1.0000

300.5021, 0.3143,
0.3658

■ 0.0000, 0.0000,
0.0000

■ 42.7636, 0.3141,
0.4022

■ 42.7636, 0.3141,
0.4022

■ 40.9232, 0.3141,
0.4350

■ 44.9122, 0.3138,
0.3719

■ 39.3718, 0.3136,
0.4692

■ 47.3765, 0.3132,
0.3447

■ 38.0960, 0.3126,
0.5033


■ 50.1705, 0.3124,
0.3205

■ 37.0797, 0.3110,
0.5351


■ 53.3059, 0.3116,
0.2994


■ 36.3047, 0.3089,
0.5620


■ 56.7937, 0.3107,
0.2810

 35.7506, 0.3064,
0.5821

 60.6444, 0.3098,
0.2650

 35.3929, 0.3038,
0.5943

 63.6034, 0.3159,
0.2614

 35.3005, 0.3031,
0.5975

Harmonies

Analogous

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



42.7636, 0.3579, 0.4100



42.7636, 0.3141, 0.4022



42.7636, 0.2718, 0.3695

Triad

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



42.7636, 0.3141, 0.4022



42.7636, 0.2383, 0.2624



42.7636, 0.3885, 0.3259

Complementary

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



42.7636, 0.3141, 0.4022



31.1517, 0.3097, 0.2632

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.



42.7636, 0.3520, 0.2925



42.7636, 0.3141, 0.4022



42.7636, 0.2651, 0.2568

Square

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



42.7636, 0.3141, 0.4022



42.7636, 0.2301, 0.2859



42.7636, 0.3061, 0.2678



42.7636, 0.4029, 0.3621

Rectangle

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



42.7636, 0.3141, 0.4022



42.7636, 0.2499, 0.3399



42.7636, 0.3061, 0.2678



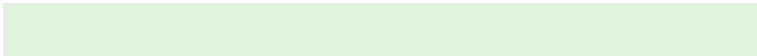
42.7636, 0.3783, 0.3142

Sweetspot

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



42.7654, 0.3141, 0.4022



85.0169, 0.3133, 0.3493



44.6800, 0.3539, 0.3858



18.5683, 0.3134, 0.3533



95.5105, 0.3127, 0.3290



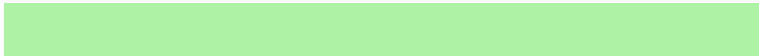
19.5994, 0.3127, 0.3290

Same Dimension

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



42.7654, 0.3141, 0.4022



75.3739, 0.3141, 0.4222



42.8085, 0.2962, 0.3752



10.1109, 0.3134, 0.3525



23.7633, 0.3036, 0.5972



0.8548, 0.3156, 0.5876

Inverse Universe

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



31.1517, 0.3097, 0.2632



50.5368, 0.3087, 0.2475



31.1639, 0.3340, 0.2869



9.1060, 0.3119, 0.3063



7.6767, 0.2909, 0.1376



0.2863, 0.2991, 0.1422

Previews

White Background



This preview shows how the Yxy color 42.7636, 0.3141, 0.4022 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 42.7636, 0.3141, 0.4022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

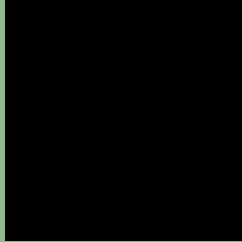
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.7636, 0.3141, 0.4022

Background



This preview shows how black text looks on a background with the Yxy color 42.7636, 0.3141, 0.4022.



This preview shows how white text looks on a background with the Yxy color 42.7636, 0.3141, 0.4022.

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

42.7636, 0.3141, 0.4022

Protanopia

42.5028, 0.3610, 0.3856

Deuteranopia

42.2570, 0.3710, 0.3624



Tritanopia

42.7659, 0.2801, 0.3096

Trichromacy



Original Color

42.7636, 0.3141, 0.4022

Protanomaly

42.2199, 0.3428, 0.3910

Deuteranomaly

41.9893, 0.3482, 0.3756

Tritanomaly

42.8626, 0.2924, 0.3418

Monochromacy



Original Color

42.7636, 0.3141, 0.4022

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.4652, 0.3133, 0.3549

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7636, 0.3141, 0.4022 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(143, 186, 137)` looks like.

```
.text, #text, p{  
    color:rgb(143, 186, 137)  
}
```

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(143, 186, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 186, 137) }
```

Border

The CSS property to change the border of an element to Yxy 42.7636, 0.3141, 0.4022 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(143, 186, 137) }
```

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

```
.border{ border-color:rgb(143, 186, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 186, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 186, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 186, 137);  
box-shadow:4px 4px 4px 4px rgb(143, 186,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7636, 0.3141, 0.4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 186, 137) }
```

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

```
.background{ background-color: rgb(143,  
186, 137) }
```

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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