

Converting Colors

Yxy(44.6139, 0.2944, 0.3871)

Have a look what the booklet for
Yxy(44.6139, 0.2944, 0.3871)
contains.

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Color

Yxy(44.4341, 0.2947, 0.3872)

Conversions

Conversions Part 1

Format	Color
Hex	84BF98
RGB	132, 191, 152
RGB Percent	52%, 75%, 60%
CMY	0.4822, 0.2510, 0.4039
CMYK	0.31, 0.00, 0.20, 0.25
HSL	140°, 32%, 63%
HSV	140°, 31%, 75%
XYZ	33.8190, 44.4341, 36.5044
YIQ	168.9130, -22.6450, -24.6370

Conversions

Conversions Part 2

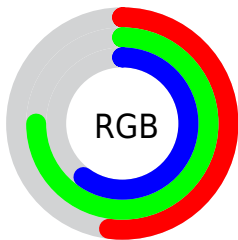
Format	Color
RYB	132, 176, 191
Decimal	8699800
CIELab	72.52, -27.24, 13.68
CIElCh	73, 30.478, 153.335
Yxy	44.4341, 0.2947, 0.3872
Android (android.graphics.Color)	4286889880 (0xFF84BF98)
YUV	168.9130, -8.3381, -32.3727
Hunter-Lab	66.6589, -26.0921, 14.1923

Details

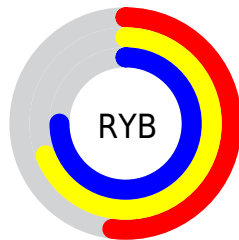
The Yxy color $44.4341, 0.2947, 0.3872$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $30.5301, 0.3369, 0.2773$, and the grayscale version is $39.6863, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.0301, 0.2983, 0.3766$, and $20.5364, 0.2883, 0.4055$ is the 20% darker color. If you saturate the color by 10%, you get $42.6419, 0.2897, 0.4101$, and if you desaturate by 10%, it is $46.5560, 0.3003, 0.3662$.

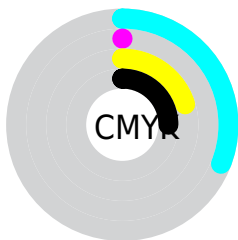
Distribution



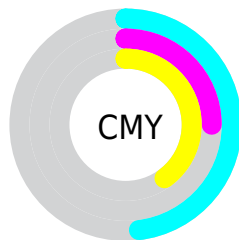
- Red (52%)
- Green (75%)
- Blue (60%)



- Red (52%)
- Yellow (69%)
- Blue (75%)



- Cyan (31%)
- Magenta (0%)
- Yellow (20%)
- Black (25%)





- Cyan (48%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4341, 0.2947, 0.3872 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 44.4341, 0.2947, 0.3872 by changing the saturation by 10% instead.

 44.4341, 0.2947,
0.3872

 44.4341, 0.2947,
0.3872

364.4768, 0.3043,
0.3567

 31.0119, 0.2921,
0.3953


 81.8706, 0.2984,
0.3758

 20.6079, 0.2886,
0.4059


 106.6536, 0.2997,
0.3716

 12.8377, 0.2837,
0.4205

 135.9925, 0.3008,
0.3681

 7.3169, 0.2764,
0.4420

170.2715, 0.3017,
0.3652

 3.6611, 0.2644,
0.4761

209.8750, 0.3025,
0.3626

 1.4858, 0.2424,
0.5522

255.1875, 0.3032,

 0.2787, 0.0000,

0.3604

1.0000

306.5933, 0.3038,
0.3585

■ 0.0000, 0.0000,
0.0000

■ 44.4341, 0.2947,
0.3872

■ 44.4341, 0.2947,
0.3872

■ 42.6419, 0.2897,
0.4101

■ 46.5560, 0.3003,
0.3662

■ 41.1570, 0.2855,
0.4345

■ 49.0176, 0.3062,
0.3473

■ 39.9630, 0.2826,
0.4599


■ 51.8353, 0.3122,
0.3304

■ 39.0396, 0.2811,
0.4853


■ 55.0226, 0.3181,
0.3155

■ 38.3638, 0.2814,
0.5098

■ 58.5927, 0.3239,
0.3024


 37.9083, 0.2834,
0.5322

 62.5577, 0.3295,
0.2910

 37.6381, 0.2862,
0.5502

 64.8359, 0.3264,
0.2797

 65.6146, 0.3171,
0.2681

 65.7399, 0.3157,
0.2663

Harmonies

Analogous

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



44.4341, 0.3376, 0.4064



44.4341, 0.2947, 0.3872



44.4341, 0.2583, 0.3487

Triad

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



44.4341, 0.2947, 0.3872



44.4341, 0.2508, 0.2603



44.4341, 0.3948, 0.3422

Complementary

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



44.4341, 0.2947, 0.3872



30.5301, 0.3369, 0.2773

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.



44.4341, 0.3684, 0.3079



44.4341, 0.2947, 0.3872



44.4341, 0.2837, 0.2624

Square

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



44.4341, 0.2947, 0.3872



44.4341, 0.2344, 0.2752



44.4341, 0.3267, 0.2795



44.4341, 0.3971, 0.3759

Rectangle

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



44.4341, 0.2947, 0.3872



44.4341, 0.2421, 0.3201



44.4341, 0.3267, 0.2795



44.4341, 0.3885, 0.3305

Sweetspot

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



44.4359, 0.2947, 0.3872



88.6196, 0.3072, 0.3442



47.6235, 0.3413, 0.4097



19.3052, 0.3063, 0.3468



97.7402, 0.3127, 0.3290



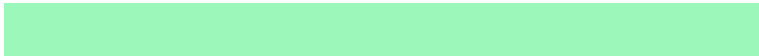
20.4902, 0.3127, 0.3290

Same Dimension

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



44.4359, 0.2947, 0.3872



77.3676, 0.2912, 0.4024



45.5117, 0.2752, 0.3430



10.7015, 0.3071, 0.3445



24.7501, 0.2855, 0.5478



0.9819, 0.2713, 0.4966

Inverse Universe

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



30.5301, 0.3369, 0.2773



48.5337, 0.3439, 0.2658



29.5379, 0.3699, 0.3157



9.6398, 0.3188, 0.3139



8.2897, 0.4279, 0.2131



0.3365, 0.3963, 0.1957

Previews

White Background



This preview shows how the Yxy color 44.4341, 0.2947, 0.3872 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 44.4341, 0.2947, 0.3872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

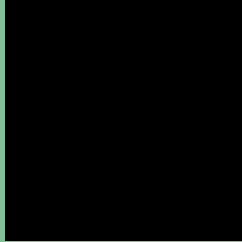
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4341, 0.2947, 0.3872

Background



This preview shows how black text looks on a background with the Yxy color 44.4341, 0.2947, 0.3872.



This preview shows how white text looks on a background with the Yxy color 44.4341, 0.2947, 0.3872.

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

44.4341, 0.2947, 0.3872

Protanopia

44.1800, 0.3497, 0.3716

Deuteranopia

44.0827, 0.3548, 0.3482



Tritanopia

44.4842, 0.2689, 0.3095

Trichromacy



Original Color

44.4341, 0.2947, 0.3872

Protanomaly

43.9188, 0.3277, 0.3766

Deuteranomaly

43.5545, 0.3308, 0.3605

Tritanomaly

44.3213, 0.2782, 0.3360

Monochromacy



Original Color

44.4341, 0.2947, 0.3872

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

41.1565, 0.3057, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4341, 0.2947, 0.3872 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(132, 191, 152)` looks like.

```
.text, #text, p{  
    color:rgb(132, 191, 152)  
}
```

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(132, 191, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 191, 152) }
```

Border

The CSS property to change the border of an element to Yxy 44.4341, 0.2947, 0.3872 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(132, 191, 152) }
```

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

```
.border{ border-color:rgb(132, 191, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 191, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 191, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 191, 152);  
box-shadow:4px 4px 4px 4px rgb(132, 191,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4341, 0.2947, 0.3872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 191, 152) }
```

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

```
.background{ background-color: rgb(132,  
191, 152) }
```

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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