

Converting Colors

$Yxy(41.4362, 0.2963, 0.3802)$

Have a look what the booklet for
Yxy(41.4362, 0.2963, 0.3802)
contains.

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Color

Yxy(41.4695, 0.2967, 0.3807)

Conversions

Conversions Part 1

Format	Color
Hex	85B896
RGB	133, 184, 150
RGB Percent	52%, 72%, 59%
CMY	0.4783, 0.2784, 0.4119
CMYK	0.28, 0.00, 0.18, 0.28
HSL	140°, 26%, 62%
HSV	140°, 28%, 72%
XYZ	32.3194, 41.4695, 35.1407
YIQ	164.8750, -19.4820, -21.3860

Conversions

Conversions Part 2

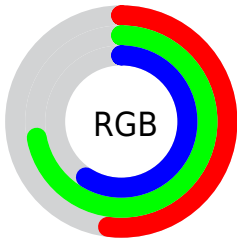
Format	Color
RYB	133, 171, 184
Decimal	8763542
CIELab	70.50, -23.87, 11.96
CIELCh	71, 26.699, 153.394
Yxy	41.4695, 0.2967, 0.3807
Android (android.graphics.Color)	4286953622 (0xFF85B896)
YUV	164.8750, -7.3334, -27.9544
Hunter-Lab	64.3968, -23.1090, 12.7238

Details

The Yxy color **41.4695, 0.2967, 0.3807** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **29.7659, 0.3334, 0.2824**, and the grayscale version is **37.6089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2446, 0.3000, 0.3704**, and **18.9273, 0.2915, 0.3984** is the 20% darker color. If you saturate the color by 10%, you get **39.7269, 0.2915, 0.4032**, and if you desaturate by 10%, it is **43.5195, 0.3023, 0.3602**.

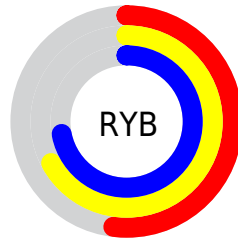
Distribution



Red (52%)

Green (72%)

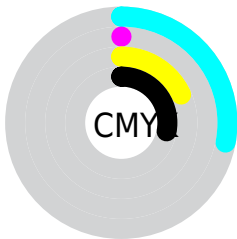
Blue (59%)



Red (52%)

Yellow (67%)

Blue (72%)

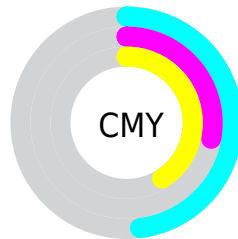


Cyan (28%)

Magenta (0%)

Yellow (18%)

Black (28%)



Cyan (48%)


Magenta (28%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4695, 0.2967, 0.3807 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 41.4695, 0.2967, 0.3807 by changing the saturation by 10% instead.


 41.4695, 0.2967,
0.3807

 41.4695, 0.2967,
0.3807


352.2791, 0.3053,
0.3535

 28.6861, 0.2943,
0.3880


 77.3961, 0.3000,
0.3704

 18.8435, 0.2912,
0.3977


 101.3081, 0.3012,
0.3667

 11.5573, 0.2867,
0.4111


 129.6985, 0.3021,
0.3636

 6.4430, 0.2800,
0.4309

162.9515, 0.3030,
0.3609

 3.1163, 0.2687,
0.4632

201.4518, 0.3037,
0.3587

 1.1927, 0.2435,
0.5560

245.5835, 0.3043,

 0.0558, 0.0000,

0.3567

1.0000

295.7311, 0.3048,
0.3550

0.0000, 0.0000,
0.0000

41.4695, 0.2967,
0.3807

41.4695, 0.2967,
0.3807

39.7269, 0.2915,
0.4032

43.5195, 0.3023,
0.3602

38.2714, 0.2872,
0.4274

45.8854, 0.3082,
0.3418

37.0886, 0.2838,
0.4527


48.5822, 0.3141,
0.3254

36.1605, 0.2819,
0.4784

51.6221, 0.3199,
0.3110

35.4669, 0.2816,
0.5034


55.0167, 0.3255,
0.2984

 34.9845, 0.2830,
0.5266

 58.7771, 0.3308,
0.2874

 34.6784, 0.2859,
0.5471

 61.5956, 0.3305,
0.2769

 34.6198, 0.2865,
0.5515

 62.3344, 0.3210,
0.2655

 62.7614, 0.3160,
0.2595

Harmonies

Analogous

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



41.4695, 0.3353, 0.3980



41.4695, 0.2967, 0.3807



41.4695, 0.2638, 0.3467

Triad

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



41.4695, 0.2967, 0.3807



41.4695, 0.2570, 0.2670



41.4695, 0.3863, 0.3414

Complementary

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



41.4695, 0.2967, 0.3807



29.7659, 0.3334, 0.2824

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.



41.4695, 0.3627, 0.3102



41.4695, 0.2967, 0.3807



41.4695, 0.2868, 0.2687

Square

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



41.4695, 0.2967, 0.3807



41.4695, 0.2420, 0.2808



41.4695, 0.3255, 0.2843



41.4695, 0.3884, 0.3717

Rectangle

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



41.4695, 0.2967, 0.3807



41.4695, 0.2490, 0.3212



41.4695, 0.3255, 0.2843



41.4695, 0.3805, 0.3308

Sweetspot

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



41.4712, 0.2967, 0.3807



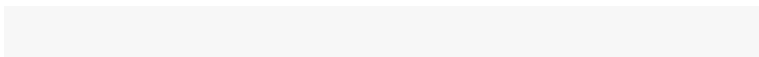
82.9815, 0.3079, 0.3425



44.2851, 0.3392, 0.4006



17.7430, 0.3070, 0.3452



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.



41.4712, 0.2967, 0.3807



73.2621, 0.2936, 0.3936



42.3519, 0.2793, 0.3426



10.1080, 0.3072, 0.3446



23.8713, 0.2859, 0.5492



0.8533, 0.2705, 0.4937

Inverse Universe

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



29.7659, 0.3334, 0.2824



48.6478, 0.3391, 0.2723



28.9378, 0.3611, 0.3160



9.1106, 0.3187, 0.3139



8.0197, 0.4253, 0.2116



0.2937, 0.3922, 0.1934

Previews

White Background



This preview shows how the Yxy color 41.4695, 0.2967, 0.3807 looks on a white background.

Color Contrast Check

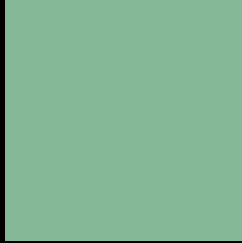
Large Text (above 18pt) WCAG AA × Fail

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 41.4695, 0.2967, 0.3807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

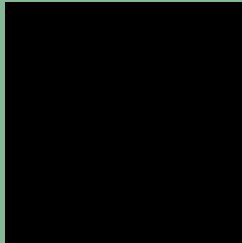
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4695, 0.2967, 0.3807

Background



This preview shows how black text looks on a background with the Yxy color 41.4695, 0.2967, 0.3807.



This preview shows how white text looks on a background with the Yxy color 41.4695, 0.2967, 0.3807.

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

41.4695, 0.2967, 0.3807

Protanopia

40.9632, 0.3455, 0.3662

Deuteranopia

41.2076, 0.3513, 0.3448



Tritanopia

41.3093, 0.2725, 0.3091

Trichromacy



Original Color

41.4695, 0.2967, 0.3807

Protanomaly

41.0185, 0.3267, 0.3720

Deuteranomaly

40.9577, 0.3287, 0.3570

Tritanomaly

41.2201, 0.2809, 0.3333

Monochromacy



Original Color

41.4695, 0.2967, 0.3807

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.8154, 0.3057, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4695, 0.2967, 0.3807 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(133, 184, 150)` looks like.

```
.text, #text, p{  
    color:rgb(133, 184, 150)  
}
```

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(133, 184, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 184, 150) }
```

Border

The CSS property to change the border of an element to Yxy 41.4695, 0.2967, 0.3807 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(133, 184, 150) }
```

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

```
.border{ border-color:rgb(133, 184, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 184, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 184, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 184, 150);  
box-shadow:4px 4px 4px 4px rgb(133, 184,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4695, 0.2967, 0.3807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 184, 150) }
```

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

```
.background{ background-color: rgb(133,  
184, 150) }
```

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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