

Converting Colors

$Yxy(43.0187, 0.3294, 0.4046)$

Have a look what the booklet for
Yxy(43.0187, 0.3294, 0.4046)
contains.

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Color

Yxy(43.0148, 0.3293, 0.4046)

Conversions

Conversions Part 1

Format	Color
Hex	9CB884
RGB	156, 184, 132
RGB Percent	61%, 72%, 52%
CMY	0.3884, 0.2784, 0.4823
CMYK	0.15, 0.00, 0.28, 0.28
HSL	92°, 27%, 62%
HSV	92°, 28%, 72%
XYZ	35.0093, 43.0148, 28.2903
YIQ	169.7000, 0.0040, -22.1080

Conversions

Conversions Part 2

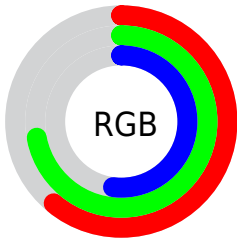
Format	Color
RYB	132, 184, 160
Decimal	10270852
CIELab	71.57, -19.02, 23.35
CIELCh	72, 30.119, 129.163
Yxy	43.0148, 0.3293, 0.4046
Android (android.graphics.Color)	4288460932 (0xFF9CB884)
YUV	169.7000, -18.5861, -12.0149
Hunter-Lab	65.5857, -19.4924, 20.3353

Details

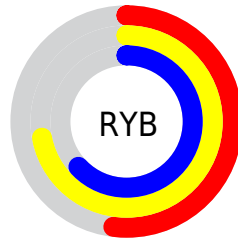
The Yxy color **43.0148, 0.3293, 0.4046** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **27.4475, 0.2913, 0.2545**, and the grayscale version is **40.1328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6718, 0.3270, 0.3901**, and **19.7849, 0.3327, 0.4289** is the 20% darker color. If you saturate the color by 10%, you get **41.6064, 0.3343, 0.4344**, and if you desaturate by 10%, it is **44.5968, 0.3237, 0.3760**.

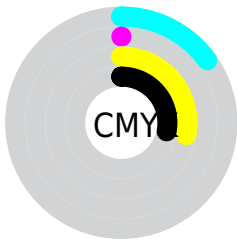
Distribution



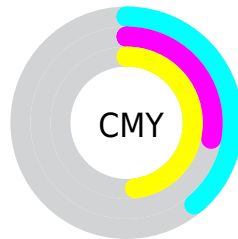
- Red (61%)
- Green (72%)
- Blue (52%)



- Red (52%)
- Yellow (72%)
- Blue (63%)



- Cyan (15%)
- Magenta (0%)
- Yellow (28%)
- Black (28%)




- Cyan (39%)
- Magenta (28%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0148, 0.3293, 0.4046 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 43.0148, 0.3293, 0.4046 by changing the saturation by 10% instead.


 43.0148, 0.3293,
0.4046


 43.0148, 0.3293,
0.4046


358.6726, 0.3217,
0.3650


 29.8967, 0.3309,
0.4150


 79.7332, 0.3267,
0.3898

 19.7602, 0.3327,
0.4287


 104.1023, 0.3257,
0.3844

 12.2209, 0.3348,
0.4474


 132.9906, 0.3248,
0.3798

 6.8943, 0.3367,
0.4744

166.7823, 0.3241,
0.3760

 3.3961, 0.3371,
0.5160

205.8620, 0.3234,
0.3727

 1.3418, 0.3593,
0.6407

250.6141, 0.3228,

 0.1733, 0.0000,

0.3698

1.0000

301.4228, 0.3222,
0.3673

0.0000, 0.0000,
0.0000

43.0148, 0.3293,
0.4046

43.0148, 0.3293,
0.4046

41.6064, 0.3343,
0.4344

44.5968, 0.3237,
0.3760

40.3594, 0.3383,
0.4646

46.3529, 0.3177,
0.3494

39.2685, 0.3409,
0.4939

48.2910, 0.3117,
0.3249

38.3260, 0.3417,
0.5207

50.4164, 0.3058,
0.3027

37.5234, 0.3405,
0.5435

52.7346, 0.3001,
0.2828

■ 36.8509, 0.3372,
0.5610

■ 55.2505, 0.2947,
0.2651

■ 36.2940, 0.3323,
0.5732

■ 57.5885, 0.2935,
0.2546

■ 36.2055, 0.3314,
0.5751

■ 59.2354, 0.3010,
0.2562

■ 60.9767, 0.3085,
0.2579

Harmonies

Analogous

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



43.0148, 0.3690, 0.4035



43.0148, 0.3293, 0.4046



43.0148, 0.2868, 0.3808

Triad

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



43.0148, 0.3293, 0.4046



43.0148, 0.2362, 0.2710



43.0148, 0.3751, 0.3143

Complementary

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



43.0148, 0.3293, 0.4046



27.4475, 0.2913, 0.2545

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.



43.0148, 0.3354, 0.2843



43.0148, 0.3293, 0.4046



43.0148, 0.2561, 0.2594

Square

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



43.0148, 0.3293, 0.4046



43.0148, 0.2350, 0.2995



43.0148, 0.2916, 0.2647



43.0148, 0.3972, 0.3490

Rectangle

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



43.0148, 0.3293, 0.4046



43.0148, 0.2626, 0.3546



43.0148, 0.2916, 0.2647



43.0148, 0.3632, 0.3035

Sweetspot

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



43.0167, 0.3293, 0.4046



84.0549, 0.3176, 0.3491



36.9120, 0.3631, 0.3676



18.0129, 0.3185, 0.3529



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.



43.0167, 0.3293, 0.4046



76.3181, 0.3326, 0.4233



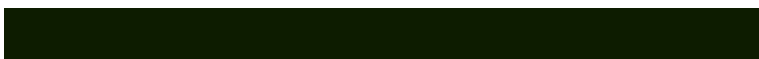
40.9076, 0.3077, 0.4067



10.2572, 0.3183, 0.3521



24.9892, 0.3323, 0.5744



0.9178, 0.3532, 0.5578

Inverse Universe

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



27.4475, 0.2913, 0.2545



43.3775, 0.2852, 0.2363



30.0865, 0.3177, 0.2619



8.9517, 0.3066, 0.3060



4.2668, 0.2115, 0.0939



0.1868, 0.2391, 0.1091

Previews

White Background



This preview shows how the Yxy color 43.0148, 0.3293, 0.4046 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 43.0148, 0.3293, 0.4046 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 43.0148, 0.3293, 0.4046

Background



This preview shows how black text looks on a background with the Yxy color 43.0148, 0.3293, 0.4046.



This preview shows how white text looks on a background with the Yxy color 43.0148, 0.3293, 0.4046.

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

43.0148, 0.3293, 0.4046

Protanopia

42.9098, 0.3651, 0.3920

Deuteranopia

42.7337, 0.3782, 0.3711



Tritanopia

42.7677, 0.2924, 0.3100

Trichromacy



Original Color

43.0148, 0.3293, 0.4046

Protanomaly

42.6559, 0.3517, 0.3970

Deuteranomaly

42.5581, 0.3593, 0.3829

Tritanomaly

42.7862, 0.3061, 0.3430

Monochromacy



Original Color

43.0148, 0.3293, 0.4046

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.0596, 0.3195, 0.3560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0148, 0.3293, 0.4046 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(156, 184, 132)` looks like.

```
.text, #text, p{  
    color:rgb(156, 184, 132)  
}
```

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(156, 184, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 184, 132) }
```

Border

The CSS property to change the border of an element to Yxy 43.0148, 0.3293, 0.4046 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(156, 184, 132) }
```

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

```
.border{ border-color:rgb(156, 184, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 184, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 184, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 184, 132);  
box-shadow:4px 4px 4px 4px rgb(156, 184,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0148, 0.3293, 0.4046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 184, 132) }
```

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

```
.background{ background-color: rgb(156,  
184, 132) }
```

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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