

Converting Colors

$Yxy(41.7781, 0.3224, 0.4028)$

Have a look what the booklet for
Yxy(41.7781, 0.3224, 0.4028)
contains.

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Color

Yxy(41.9500, 0.3226, 0.4032)

Conversions

Conversions Part 1

Format	Color
Hex	95B785
RGB	149, 183, 133
RGB Percent	58%, 72%, 52%
CMY	0.4157, 0.2824, 0.4783
CMYK	0.19, 0.00, 0.27, 0.28
HSL	101°, 26%, 62%
HSV	101°, 27%, 72%
XYZ	33.5642, 41.9500, 28.5285
YIQ	167.1340, -4.2140, -22.7580

Conversions

Conversions Part 2

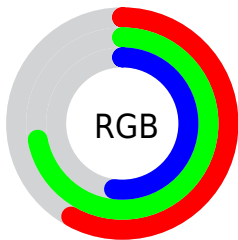
Format	Color
RYB	133, 183, 167
Decimal	9811845
CIELab	70.84, -20.88, 21.74
CIELCh	71, 30.144, 133.847
Yxy	41.9500, 0.3226, 0.4032
Android (android.graphics.Color)	4288001925 (0xFF95B785)
YUV	167.1340, -16.8281, -15.9035
Hunter-Lab	64.7688, -20.8441, 19.2229

Details

The Yxy color **41.9500, 0.3226, 0.4032** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **28.4199, 0.2993, 0.2587**, and the grayscale version is **38.7999, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1155, 0.3218, 0.3889**, and **19.1312, 0.3237, 0.4278** is the 20% darker color. If you saturate the color by 10%, you get **40.3800, 0.3254, 0.4343**, and if you desaturate by 10%, it is **43.7369, 0.3192, 0.3739**.

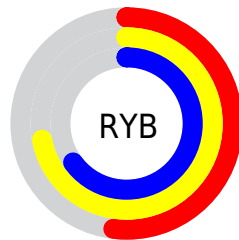
Distribution



Red (58%)

Green (72%)

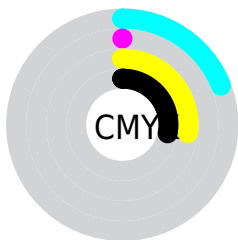
Blue (52%)



Red (52%)

Yellow (72%)

Blue (65%)

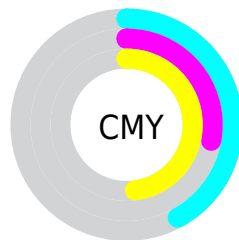


Cyan (19%)

Magenta (0%)

Yellow (27%)

Black (28%)



Cyan (42%)


Magenta (28%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9500, 0.3226, 0.4032 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 41.9500, 0.3226, 0.4032 by changing the saturation by 10% instead.


 41.9500, 0.3226,
0.4032


 41.9500, 0.3226,
0.4032


354.2756, 0.3184,
0.3641


 29.0621, 0.3234,
0.4136


 78.1239, 0.3213,
0.3885

 19.1278, 0.3241,
0.4274


 102.1788, 0.3207,
0.3831

 11.7627, 0.3247,
0.4463


 130.7248, 0.3202,
0.3786

 6.5823, 0.3246,
0.4740

164.1464, 0.3198,
0.3748

 3.2023, 0.3222,
0.5175

202.8278, 0.3194,
0.3716

 1.2382, 0.3374,
0.6626

247.1536, 0.3190,

 0.0926, 0.0000,

0.3688

1.0000

297.5081, 0.3187,
0.3663

0.0000, 0.0000,
0.0000

41.9500, 0.3226,
0.4032

41.9500, 0.3226,
0.4032

40.3800, 0.3254,
0.4343

43.7369, 0.3192,
0.3739

39.0131, 0.3274,
0.4663

45.7432, 0.3155,
0.3470

37.8418, 0.3283,
0.4978


47.9784, 0.3117,
0.3227


36.8564, 0.3277,
0.5271

50.4496, 0.3079,
0.3010

36.0460, 0.3255,
0.5522


53.1636, 0.3042,
0.2817


 35.3985, 0.3219,
0.5715

 56.1271, 0.3006,
0.2648

 34.8979, 0.3172,
0.5844

 58.9451, 0.3016,
0.2553

 34.7823, 0.3159,
0.5874

 61.1525, 0.3111,
0.2574

 62.3472, 0.3160,
0.2585

Harmonies

Analogous

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



41.9500, 0.3639, 0.4059



41.9500, 0.3226, 0.4032



41.9500, 0.2804, 0.3756

Triad

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



41.9500, 0.3226, 0.4032



41.9500, 0.2375, 0.2675



41.9500, 0.3806, 0.3195

Complementary

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



41.9500, 0.3226, 0.4032



28.4199, 0.2993, 0.2587

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.



41.9500, 0.3424, 0.2881



41.9500, 0.3226, 0.4032



41.9500, 0.2603, 0.2586

Square

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



41.9500, 0.3226, 0.4032



41.9500, 0.2333, 0.2937



41.9500, 0.2980, 0.2664



41.9500, 0.3993, 0.3546

Rectangle

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



41.9500, 0.3226, 0.4032



41.9500, 0.2573, 0.3481



41.9500, 0.2980, 0.2664



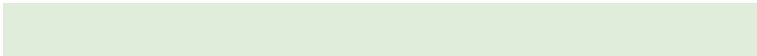
41.9500, 0.3695, 0.3083

Sweetspot

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



41.9518, 0.3226, 0.4032



81.6130, 0.3158, 0.3491



39.1591, 0.3588, 0.3751



17.9017, 0.3164, 0.3531



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.



41.9518, 0.3226, 0.4032



73.3346, 0.3245, 0.4224



40.7899, 0.3030, 0.3930



10.1958, 0.3163, 0.3523



24.2977, 0.3167, 0.5867



0.8908, 0.3382, 0.5697

Inverse Universe

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



28.4199, 0.2993, 0.2587



44.8975, 0.2954, 0.2417



29.9327, 0.3243, 0.2725



9.0149, 0.3088, 0.3061



5.4376, 0.2425, 0.1110



0.2233, 0.2635, 0.1225

Previews

White Background



This preview shows how the Yxy color 41.9500, 0.3226, 0.4032 looks on a white background.

Color Contrast Check

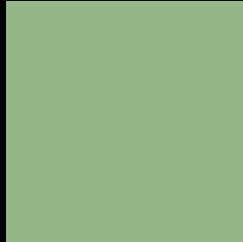
Large Text (above 18pt) WCAG AA × Fail

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 41.9500, 0.3226, 0.4032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

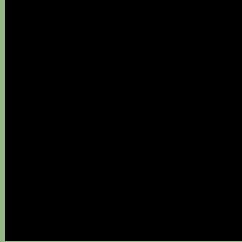
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9500, 0.3226, 0.4032

Background



This preview shows how black text looks on a background with the Yxy color 41.9500, 0.3226, 0.4032.



This preview shows how white text looks on a background with the Yxy color 41.9500, 0.3226, 0.4032.

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

41.9500, 0.3226, 0.4032

Protanopia

41.7599, 0.3629, 0.3901

Deuteranopia

41.6351, 0.3742, 0.3665



Tritanopia

42.0375, 0.2867, 0.3097

Trichromacy



Original Color

41.9500, 0.3226, 0.4032

Protanomaly

41.8266, 0.3473, 0.3952

Deuteranomaly

41.3499, 0.3543, 0.3783

Tritanomaly

42.0733, 0.3002, 0.3432

Monochromacy



Original Color

41.9500, 0.3226, 0.4032

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.7273, 0.3160, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9500, 0.3226, 0.4032 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(149, 183, 133)` looks like.

```
.text, #text, p{  
    color:rgb(149, 183, 133)  
}
```

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(149, 183, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 183, 133) }
```

Border

The CSS property to change the border of an element to Yxy 41.9500, 0.3226, 0.4032 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(149, 183, 133) }
```

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

```
.border{ border-color:rgb(149, 183, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 183, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 183, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 183, 133);  
box-shadow:4px 4px 4px 4px rgb(149, 183,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9500, 0.3226, 0.4032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 183, 133) }
```

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

```
.background{ background-color: rgb(149,  
183, 133) }
```

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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