

Converting Colors

$Yxy(42.0646, 0.3497, 0.3970)$

Have a look what the booklet for
Yxy(42.0646, 0.3497, 0.3970)
contains.

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Color

Yxy(41.9135, 0.3491, 0.3964)

Conversions

Conversions Part 1

Format	Color
Hex	ADB181
RGB	173, 177, 129
RGB Percent	68%, 69%, 51%
CMY	0.3217, 0.3058, 0.4942
CMYK	0.02, 0.00, 0.27, 0.31
HSL	65°, 24%, 60%
HSV	65°, 27%, 69%
XYZ	36.9122, 41.9135, 26.9097
YIQ	170.3320, 13.0240, -15.7760

Conversions

Conversions Part 2

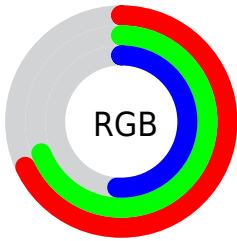
Format	Color
RYB	129, 177, 133
Decimal	11383169
CIELab	70.81, -9.39, 24.16
CIELCh	71, 25.926, 111.241
Yxy	41.9135, 0.3491, 0.3964
Android (android.graphics.Color)	4289573249 (0xFFADB181)
YUV	170.3320, -20.3767, 2.3398
Hunter-Lab	64.7406, -11.5234, 20.6744

Details

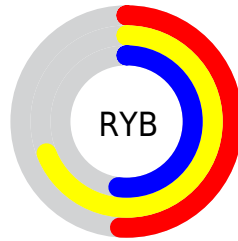
The Yxy color **41.9135, 0.3491, 0.3964** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.8626, 0.2703, 0.2533**, and the grayscale version is **40.4698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3132, 0.3428, 0.3841**, and **19.2248, 0.3588, 0.4183** is the 20% darker color. If you saturate the color by 10%, you get **41.3156, 0.3621, 0.4214**, and if you desaturate by 10%, it is **42.5985, 0.3356, 0.3711**.

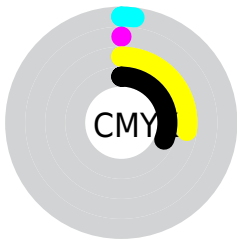
Distribution



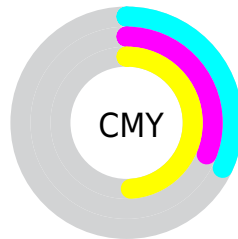
- Red (68%)
- Green (69%)
- Blue (51%)



- Red (51%)
- Yellow (69%)
- Blue (52%)



- Cyan (2%)
- Magenta (0%)
- Yellow (27%)
- Black (31%)





- Cyan (32%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9135, 0.3491, 0.3964 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 41.9135, 0.3491, 0.3964 by changing the saturation by 10% instead.

 41.9135, 0.3491,
0.3964


 41.9135, 0.3491,
0.3964

354.1242, 0.3311,
0.3616

 29.0336, 0.3534,
0.4054


 78.0687, 0.3427,
0.3835

 19.1062, 0.3589,
0.4171


 102.1127, 0.3402,
0.3787

 11.7471, 0.3658,
0.4328

 130.6470, 0.3381,
0.3747

 6.5717, 0.3748,
0.4549

164.0557, 0.3363,
0.3713

 3.1957, 0.3865,
0.4883

202.7234, 0.3348,
0.3684

 1.2347, 0.4243,
0.5757

247.0345, 0.3334,

 0.0898, 0.0000,

0.3658

1.0000

297.3733, 0.3322,
0.3636

0.0000, 0.0000,
0.0000

41.9135, 0.3491,
0.3964

41.9135, 0.3491,
0.3964

41.3156, 0.3621,
0.4214

42.5985, 0.3356,
0.3711

40.7951, 0.3742,
0.4451

43.3691, 0.3221,
0.3462

40.3493, 0.3848,
0.4666


44.2306, 0.3090,
0.3223


39.9730, 0.3934,
0.4849


45.1866, 0.2965,
0.2997

39.6606, 0.3996,
0.4993


46.2404, 0.2847,
0.2787


 39.4054, 0.4032,
0.5094


 47.3949, 0.2738,
0.2594

 39.1978, 0.4045,
0.5154

 48.6532, 0.2638,
0.2419

 39.1417, 0.4047,
0.5169

 48.9721, 0.2636,
0.2401

 49.1585, 0.2646,
0.2404

Harmonies

Analogous

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



41.9135, 0.3771, 0.3845



41.9135, 0.3491, 0.3964



41.9135, 0.3123, 0.3882

Triad

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



41.9135, 0.3491, 0.3964



41.9135, 0.2430, 0.2920



41.9135, 0.3475, 0.2997

Complementary

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



41.9135, 0.3491, 0.3964



23.8626, 0.2703, 0.2533

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.



41.9135, 0.3095, 0.2781



41.9135, 0.3491, 0.3964



41.9135, 0.2509, 0.2725

Square

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



41.9135, 0.3491, 0.3964



41.9135, 0.2522, 0.3242



41.9135, 0.2745, 0.2681



41.9135, 0.3768, 0.3286

Rectangle

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



41.9135, 0.3491, 0.3964



41.9135, 0.2880, 0.3714



41.9135, 0.2745, 0.2681



41.9135, 0.3352, 0.2914

Sweetspot

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



41.9154, 0.3491, 0.3964



77.5122, 0.3235, 0.3487



27.7066, 0.3686, 0.3350



16.7522, 0.3255, 0.3523



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



41.9154, 0.3491, 0.3964



74.3477, 0.3576, 0.4126



39.4244, 0.3267, 0.4015



9.8695, 0.3251, 0.3516



28.3672, 0.4048, 0.5167



0.9032, 0.4091, 0.5133

Inverse Universe

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



23.8626, 0.2703, 0.2533



36.2076, 0.2583, 0.2324



26.0415, 0.2946, 0.2584



8.2632, 0.2997, 0.3056



2.3847, 0.1533, 0.0618



0.0862, 0.1665, 0.0691

Previews

White Background



This preview shows how the Yxy color 41.9135, 0.3491, 0.3964 looks on a white background.

Color Contrast Check

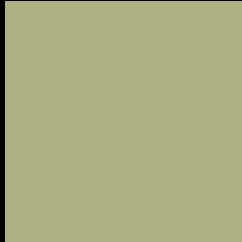
Large Text (above 18pt) WCAG AA × Fail

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 41.9135, 0.3491, 0.3964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

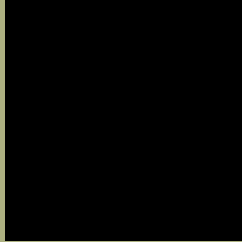
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

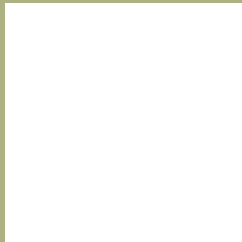
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.9135, 0.3491, 0.3964

Background



This preview shows how black text looks on a background with the Yxy color 41.9135, 0.3491, 0.3964.



This preview shows how white text looks on a background with the Yxy color 41.9135, 0.3491, 0.3964.

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

41.9135, 0.3491, 0.3964

Protanopia

41.8585, 0.3648, 0.3913

Deuteranopia

41.7485, 0.3818, 0.3739



Tritanopia

41.8716, 0.3108, 0.3118

Trichromacy



Original Color

41.9135, 0.3491, 0.3964

Protanomaly

41.6544, 0.3587, 0.3922

Deuteranomaly

41.6986, 0.3702, 0.3821

Tritanomaly

41.8786, 0.3247, 0.3427

Monochromacy



Original Color

41.9135, 0.3491, 0.3964

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.9116, 0.3260, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9135, 0.3491, 0.3964 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(173, 177, 129)` looks like.

```
.text, #text, p{  
    color:rgb(173, 177, 129)  
}
```

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(173, 177, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 177, 129) }
```

Border

The CSS property to change the border of an element to Yxy 41.9135, 0.3491, 0.3964 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(173, 177, 129) }
```

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

```
.border{ border-color:rgb(173, 177, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 177, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 177, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 177, 129);  
box-shadow:4px 4px 4px 4px rgb(173, 177,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9135, 0.3491, 0.3964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 177, 129) }
```

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

```
.background{ background-color: rgb(173,  
177, 129) }
```

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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