

Converting Colors

$Yxy(41.3674, 0.3514, 0.3926)$

Have a look what the booklet for
Yxy(41.3674, 0.3514, 0.3926)
contains.

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Color

Yxy(41.3589, 0.3517, 0.3934)

Conversions

Conversions Part 1

Format	Color
Hex	AFAF81
RGB	175, 175, 129
RGB Percent	69%, 69%, 51%
CMY	0.3136, 0.3137, 0.4942
CMYK	0.00, 0.00, 0.26, 0.31
HSL	60°, 22%, 60%
HSV	60°, 26%, 69%
XYZ	36.9749, 41.3589, 26.7981
YIQ	169.7560, 14.7660, -14.3060

Conversions

Conversions Part 2

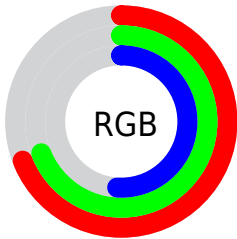
Format	Color
RYB	129, 175, 129
Decimal	11513729
CIELab	70.43, -7.53, 23.67
CIELCh	70, 24.843, 107.641
Yxy	41.3589, 0.3517, 0.3934
Android (android.graphics.Color)	4289703809 (0xFFAFAF81)
YUV	169.7560, -20.0927, 4.5990
Hunter-Lab	64.3109, -9.9173, 20.3117

Details

The Yxy color $41.3589, 0.3517, 0.3934$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $23.4663, 0.2681, 0.2553$, and the grayscale version is $40.1689, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.9600, 0.3449, 0.3808$, and $18.8680, 0.3626, 0.4142$ is the 20% darker color. If you saturate the color by 10%, you get $40.9306, 0.3663, 0.4175$, and if you desaturate by 10%, it is $41.8706, 0.3367, 0.3687$.

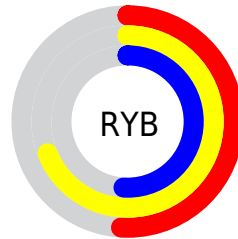
Distribution



Red (69%)

Green (69%)

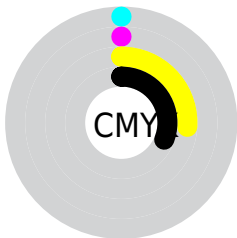
Blue (51%)



Red (51%)

Yellow (69%)

Blue (51%)

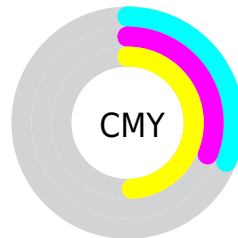


Cyan (0%)

Magenta (0%)

Yellow (26%)

Black (31%)



Cyan (31%)


Magenta (31%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3589, 0.3517, 0.3934 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 41.3589, 0.3517, 0.3934 by changing the saturation by 10% instead.


 41.3589, 0.3517,
0.3934


 41.3589, 0.3517,
0.3934


351.8184, 0.3323,
0.3602

 28.5996, 0.3564,
0.4020


 77.2284, 0.3447,
0.3811

 18.7782, 0.3624,
0.4131


 101.1075, 0.3420,
0.3766

 11.5101, 0.3702,
0.4280


 129.4619, 0.3398,
0.3727

 6.4110, 0.3803,
0.4489

162.6761, 0.3379,
0.3695

 3.0966, 0.3942,
0.4806

201.1344, 0.3362,
0.3667

 1.1824, 0.4364,
0.5636

245.2213, 0.3347,

 0.0472, 0.0000,

0.3642

1.0000

295.3212, 0.3334,
0.3621

0.0000, 0.0000,
0.0000

41.3589, 0.3517,
0.3934

41.3589, 0.3517,
0.3934

40.9306, 0.3663,
0.4175

41.8706, 0.3367,
0.3687

40.5762, 0.3800,
0.4402

42.4639, 0.3219,
0.3441

40.2930, 0.3923,
0.4604

43.1443, 0.3075,
0.3203

40.0762, 0.4025,
0.4773

43.9150, 0.2938,
0.2978

39.9202, 0.4104,
0.4903

44.7792, 0.2811,
0.2767

■ 39.8187, 0.4157,
0.4991

■ 45.7400, 0.2693,
0.2573

■ 39.7632, 0.4186,
0.5038

■ 46.8001, 0.2586,
0.2395

■ 39.7476, 0.4194,
0.5052

■ 47.0271, 0.2566,
0.2362

■ 47.0310, 0.2566,
0.2362

Harmonies

Analogous

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



41.3589, 0.3770, 0.3801



41.3589, 0.3517, 0.3934



41.3589, 0.3168, 0.3878

Triad

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



41.3589, 0.3517, 0.3934



41.3589, 0.2456, 0.2967



41.3589, 0.3420, 0.2978

Complementary

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



41.3589, 0.3517, 0.3934



23.4663, 0.2681, 0.2553

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.



41.3589, 0.3053, 0.2780



41.3589, 0.3517, 0.3934



41.3589, 0.2513, 0.2761

Square

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



41.3589, 0.3517, 0.3934



41.3589, 0.2565, 0.3286



41.3589, 0.2725, 0.2700



41.3589, 0.3718, 0.3252

Rectangle

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



41.3589, 0.3517, 0.3934



41.3589, 0.2930, 0.3732



41.3589, 0.2725, 0.2700



41.3589, 0.3300, 0.2901

Sweetspot

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



41.3608, 0.3517, 0.3934



75.8212, 0.3246, 0.3486



26.4191, 0.3668, 0.3280



16.8158, 0.3268, 0.3522



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.



41.3608, 0.3517, 0.3934



73.5550, 0.3609, 0.4086



39.0044, 0.3306, 0.3981



9.3294, 0.3263, 0.3514



28.4560, 0.4194, 0.5052



0.7919, 0.4194, 0.5052

Inverse Universe

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



23.4663, 0.2681, 0.2553



35.6780, 0.2557, 0.2347



25.3954, 0.2904, 0.2598



7.7579, 0.2985, 0.3056



2.2184, 0.1500, 0.0601



0.0619, 0.1501, 0.0603

Previews

White Background



This preview shows how the Yxy color 41.3589, 0.3517, 0.3934 looks on a white background.

Color Contrast Check

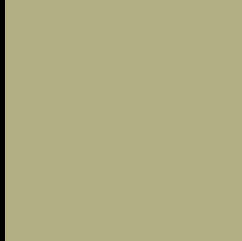
Large Text (above 18pt) WCAG AA × Fail

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 41.3589, 0.3517, 0.3934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

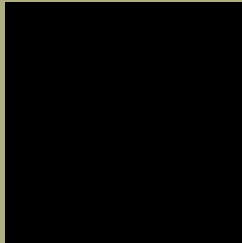
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3589, 0.3517, 0.3934

Background



This preview shows how black text looks on a background with the Yxy color 41.3589, 0.3517, 0.3934.



This preview shows how white text looks on a background with the Yxy color 41.3589, 0.3517, 0.3934.

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

41.3589, 0.3517, 0.3934

Protanopia

41.3778, 0.3633, 0.3889

Deuteranopia

41.1055, 0.3803, 0.3730



Tritanopia

41.2865, 0.3144, 0.3118

Trichromacy



Original Color

41.3589, 0.3517, 0.3934

Protanomaly

41.2694, 0.3590, 0.3910

Deuteranomaly

41.1941, 0.3696, 0.3810

Tritanomaly

41.3182, 0.3277, 0.3413

Monochromacy



Original Color

41.3589, 0.3517, 0.3934

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.6423, 0.3271, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3589, 0.3517, 0.3934 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(175, 175, 129)` looks like.

```
.text, #text, p{  
    color:rgb(175, 175, 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(175, 175, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 175, 129) }
```

Border

The CSS property to change the border of an element to Yxy 41.3589, 0.3517, 0.3934 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(175, 175, 129) }
```

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

```
.border{ border-color:rgb(175, 175, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 175, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 175, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 175, 129);  
box-shadow:4px 4px 4px 4px rgb(175, 175,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3589, 0.3517, 0.3934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 175, 129) }
```

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

```
.background{ background-color: rgb(175,  
175, 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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