

Converting Colors

$Y_{xy}(40.5179, 0.3519, 0.3938)$

Have a look what the booklet for
Yxy(40.5179, 0.3519, 0.3938)
contains.

Yxy(40.3299, 0.3512, 0.3927)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.3299, 0.3512, 0.3927)

Conversions

Conversions Part 1

Format	Color
Hex	ADAD80
RGB	173, 173, 128
RGB Percent	68%, 68%, 50%
CMY	0.3217, 0.3215, 0.4981
CMYK	0.00, 0.00, 0.26, 0.32
HSL	60°, 22%, 59%
HSV	60°, 26%, 68%
XYZ	36.0679, 40.3299, 26.3012
YIQ	167.8700, 14.4450, -13.9950

Conversions

Conversions Part 2

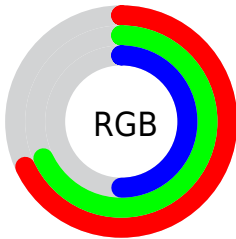
Format	Color
RYB	128, 173, 128
Decimal	11382144
CIELab	69.70, -7.42, 23.21
CIELCh	70, 24.366, 107.735
Yxy	40.3299, 0.3512, 0.3927
Android (android.graphics.Color)	4289572224 (0xFFADAD80)
YUV	167.8700, -19.6559, 4.4990
Hunter-Lab	63.5058, -9.7568, 19.8989

Details

The Yxy color **40.3299, 0.3512, 0.3927** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.0449, 0.2688, 0.2563**, and the grayscale version is **39.1822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.4810, 0.3445, 0.3801**, and **18.2179, 0.3622, 0.4135** is the 20% darker color. If you saturate the color by 10%, you get **39.9124, 0.3658, 0.4169**, and if you desaturate by 10%, it is **40.8287, 0.3363, 0.3680**.

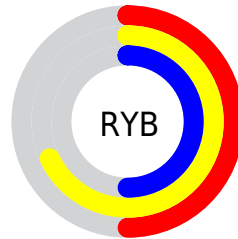
Distribution



Red (68%)

Green (68%)

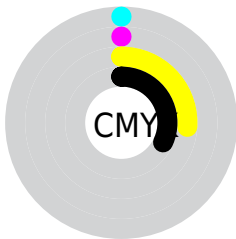
Blue (50%)



Red (50%)

Yellow (68%)

Blue (50%)

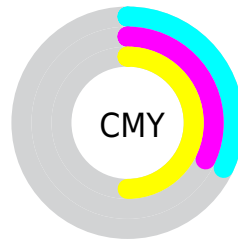


Cyan (0%)

Magenta (0%)

Yellow (26%)

Black (32%)



Cyan (32%)


Magenta (32%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3299, 0.3512, 0.3927 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 40.3299, 0.3512, 0.3927 by changing the saturation by 10% instead.


 40.3299, 0.3512,
0.3927


 40.3299, 0.3512,
0.3927


347.5121, 0.3319,
0.3597

 27.7959, 0.3559,
0.4012


 75.6656, 0.3442,
0.3805

 18.1718, 0.3619,
0.4124


 99.2361, 0.3416,
0.3759

 11.0734, 0.3697,
0.4274


 127.2541, 0.3394,
0.3721

 6.1162, 0.3799,
0.4486

160.1042, 0.3375,
0.3689

 2.9159, 0.3944,
0.4813

198.1706, 0.3358,
0.3661

 1.0880, 0.4357,
0.5643

241.8378, 0.3344,

 0.0000, 0.0000,

0.3637

0.0000

291.4902, 0.3331,
0.3616

■ 40.3299, 0.3512,
0.3927

■ 40.3299, 0.3512,
0.3927

■ 39.9124, 0.3658,
0.4169

■ 40.8287, 0.3363,
0.3680

■ 39.5668, 0.3795,
0.4396

■ 41.4070, 0.3214,
0.3434

■ 39.2907, 0.3918,
0.4599

■ 42.0702, 0.3071,
0.3197

■ 39.0793, 0.4020,
0.4769

■ 42.8213, 0.2935,
0.2972

■ 38.9274, 0.4100,
0.4901

■ 43.6635, 0.2808,
0.2762

■ 38.8287, 0.4153,
0.4990

■ 44.5997, 0.2691,
0.2568

■ 38.7752, 0.4183,
0.5039

■ 45.6326, 0.2584,
0.2391

■ 38.7593, 0.4192,
0.5054

■ 46.0088, 0.2550,
0.2334

■ 46.0107, 0.2550,
0.2334

Harmonies

Analogous

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



40.3299, 0.3763, 0.3797



40.3299, 0.3512, 0.3927



40.3299, 0.3166, 0.3871

Triad

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



40.3299, 0.3512, 0.3927



40.3299, 0.2463, 0.2969



40.3299, 0.3418, 0.2982

Complementary

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



40.3299, 0.3512, 0.3927



23.0449, 0.2688, 0.2563

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.



40.3299, 0.3055, 0.2786



40.3299, 0.3512, 0.3927



40.3299, 0.2520, 0.2766

Square

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



40.3299, 0.3512, 0.3927



40.3299, 0.2570, 0.3286



40.3299, 0.2730, 0.2706



40.3299, 0.3712, 0.3253

Rectangle

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



40.3299, 0.3512, 0.3927



40.3299, 0.2931, 0.3726



40.3299, 0.2730, 0.2706



40.3299, 0.3299, 0.2906

Sweetspot

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



40.3317, 0.3512, 0.3927



73.9131, 0.3245, 0.3486



25.8796, 0.3669, 0.3292



16.0289, 0.3267, 0.3522



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



40.3317, 0.3512, 0.3927



71.7881, 0.3593, 0.4062



37.9826, 0.3297, 0.3974



9.3298, 0.3263, 0.3514



28.4695, 0.4192, 0.5054



0.7921, 0.4192, 0.5053

Inverse Universe

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



23.0449, 0.2688, 0.2563



35.7507, 0.2578, 0.2381



24.9849, 0.2915, 0.2608



7.7576, 0.2986, 0.3056



2.2175, 0.1501, 0.0600



0.0618, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 40.3299, 0.3512, 0.3927 looks on a white background.

Color Contrast Check

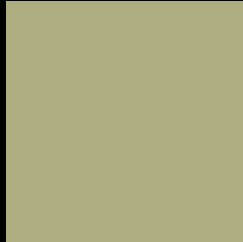
Large Text (above 18pt) WCAG AA × Fail

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 40.3299, 0.3512, 0.3927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

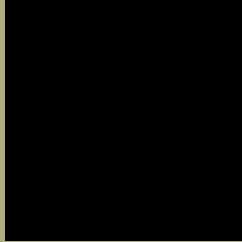
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

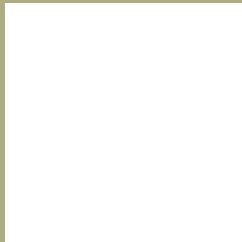
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.3299, 0.3512, 0.3927

Background



This preview shows how black text looks on a background with the Yxy color 40.3299, 0.3512, 0.3927.



This preview shows how white text looks on a background with the Yxy color 40.3299, 0.3512, 0.3927.

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

40.3299, 0.3512, 0.3927

Protanopia

40.2268, 0.3620, 0.3883

Deuteranopia

40.0855, 0.3801, 0.3721



Tritanopia

40.1108, 0.3135, 0.3116

Trichromacy



Original Color

40.3299, 0.3512, 0.3927

Protanomaly

40.2418, 0.3586, 0.3902

Deuteranomaly

40.1696, 0.3693, 0.3802

Tritanomaly

40.2611, 0.3279, 0.3414

Monochromacy



Original Color

40.3299, 0.3512, 0.3927

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.5954, 0.3273, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3299, 0.3512, 0.3927 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, 173, 128)` looks like.

```
.text, #text, p{  
    color:rgb(173, 173, 128)  
}
```

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, 173, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 173, 128) }
```

Border

The CSS property to change the border of an element to Yxy 40.3299, 0.3512, 0.3927 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, 173, 128) }
```

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

```
.border{ border-color:rgb(173, 173, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 173, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 173, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 173, 128);  
box-shadow:4px 4px 4px 4px rgb(173, 173,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3299, 0.3512, 0.3927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 173, 128) }
```

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

```
.background{ background-color: rgb(173,  
173, 128) }
```

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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