

Converting Colors

$Yxy(35.9428, 0.3503, 0.3863)$

Have a look what the booklet for
Yxy(35.9428, 0.3503, 0.3863)
contains.

Yxy(35.7820, 0.3501, 0.3852)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.7820, 0.3501, 0.3852)

Conversions

Conversions Part 1

Format	Color
Hex	A6A37D
RGB	166, 163, 125
RGB Percent	65%, 64%, 49%
CMY	0.3491, 0.3607, 0.5099
CMYK	0.00, 0.02, 0.25, 0.35
HSL	56°, 19%, 57%
HSV	56°, 25%, 65%
XYZ	32.5215, 35.7820, 24.5885
YIQ	159.5650, 13.9860, -11.1820

Conversions

Conversions Part 2

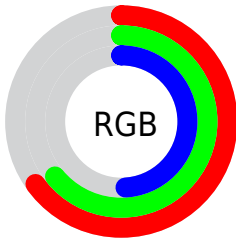
Format	Color
RYB	128, 166, 125
Decimal	10920829
CIELab	66.35, -5.26, 20.20
CIElCh	66, 20.868, 104.586
Yxy	35.7820, 0.3501, 0.3852
Android (android.graphics.Color)	4289110909 (0xFFA6A37D)
YUV	159.5650, -17.0405, 5.6435
Hunter-Lab	59.8181, -7.6359, 17.5012

Details

The Yxy color **35.7820, 0.3501, 0.3852** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.5390, 0.2718, 0.2658**, and the grayscale version is **35.0175, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7293, 0.3425, 0.3741**, and **15.4681, 0.3619, 0.4019** is the 20% darker color. If you saturate the color by 10%, you get **34.9685, 0.3657, 0.4080**, and if you desaturate by 10%, it is **36.6737, 0.3346, 0.3621**.

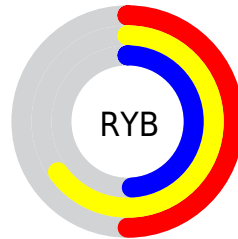
Distribution



Red (65%)

Green (64%)

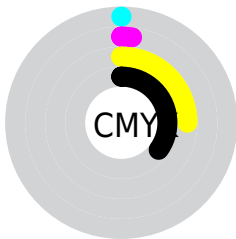
Blue (49%)



Red (50%)

Yellow (65%)

Blue (49%)

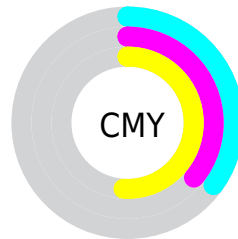


Cyan (0%)

Magenta (2%)

Yellow (25%)

Black (35%)



Cyan (35%)


Magenta (36%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7820, 0.3501, 0.3852 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 35.7820, 0.3501, 0.3852 by changing the saturation by 10% instead.


 35.7820, 0.3501,
0.3852


 35.7820, 0.3501,
0.3852


328.0067, 0.3309,
0.3556

 24.2659, 0.3550,
0.3930


 68.6955, 0.3430,
0.3741

 15.5310, 0.3613,
0.4034


 90.8616, 0.3404,
0.3700

 9.1929, 0.3698,
0.4176


 117.3465, 0.3382,
0.3666

 4.8672, 0.3814,
0.4380

148.5346, 0.3363,
0.3638

 2.1696, 0.4024,
0.4751

184.8103, 0.3347,
0.3613

 0.7033, 0.4344,
0.5656

226.5579, 0.3332,

 0.0000, 0.0000,

0.3592

0.0000

274.1619, 0.3320,
0.3573

■ 35.7820, 0.3501,
0.3852

■ 35.7820, 0.3501,
0.3852

■ 34.9685, 0.3657,
0.4080

■ 36.6737, 0.3346,
0.3621

■ 34.2249, 0.3808,
0.4298

■ 37.6420, 0.3195,
0.3394

■ 33.5488, 0.3948,
0.4496


■ 38.6916, 0.3052,
0.3176


■ 32.9362, 0.4073,
0.4664

■ 39.8255, 0.2919,
0.2970

■ 32.3822, 0.4175,
0.4795


■ 41.0464, 0.2795,
0.2778

 31.8814, 0.4252,
0.4885


 42.3570, 0.2682,
0.2601

 31.4272, 0.4303,
0.4932

 43.7596, 0.2579,
0.2439

 31.1969, 0.4325,
0.4948

 45.0771, 0.2502,
0.2318

 45.5399, 0.2504,
0.2332

Harmonies

Analogous

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



35.7820, 0.3710, 0.3725



35.7820, 0.3501, 0.3852



35.7820, 0.3198, 0.3818

Triad

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



35.7820, 0.3501, 0.3852



35.7820, 0.2535, 0.3032



35.7820, 0.3355, 0.2991

Complementary

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



35.7820, 0.3501, 0.3852



22.5390, 0.2718, 0.2658

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.



35.7820, 0.3031, 0.2824



35.7820, 0.3501, 0.3852



35.7820, 0.2571, 0.2835

Square

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



35.7820, 0.3501, 0.3852



35.7820, 0.2647, 0.3321



35.7820, 0.2747, 0.2766



35.7820, 0.3626, 0.3232

Rectangle

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



35.7820, 0.3501, 0.3852



35.7820, 0.2986, 0.3700



35.7820, 0.2747, 0.2766



35.7820, 0.3248, 0.2926

Sweetspot

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



35.7836, 0.3501, 0.3852



67.8898, 0.3231, 0.3448



24.3375, 0.3590, 0.3238



15.1699, 0.3240, 0.3461



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



35.7836, 0.3501, 0.3852



64.0740, 0.3592, 0.3987



35.1277, 0.3322, 0.3927



8.6792, 0.3264, 0.3497



24.2254, 0.4324, 0.4949



0.6160, 0.4276, 0.4987

Inverse Universe

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



22.5390, 0.2718, 0.2658



35.5718, 0.2607, 0.2482



23.1724, 0.2892, 0.2641



7.3848, 0.2986, 0.3074



2.3682, 0.1516, 0.0658



0.0841, 0.1588, 0.0915

Previews

White Background



This preview shows how the Yxy color 35.7820, 0.3501, 0.3852 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 35.7820, 0.3501, 0.3852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

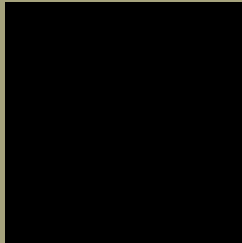
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

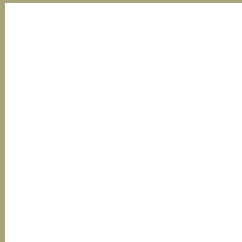
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.7820, 0.3501, 0.3852

Background



This preview shows how black text looks on a background with the Yxy color 35.7820, 0.3501, 0.3852.



This preview shows how white text looks on a background with the Yxy color 35.7820, 0.3501, 0.3852.

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

35.7820, 0.3501, 0.3852

Protanopia

35.7156, 0.3579, 0.3827

Deuteranopia

35.7938, 0.3752, 0.3675



Tritanopia

35.7492, 0.3164, 0.3122

Trichromacy



Original Color

35.7820, 0.3501, 0.3852

Protanomaly

35.8419, 0.3555, 0.3845

Deuteranomaly

35.7838, 0.3665, 0.3742

Tritanomaly

35.6422, 0.3290, 0.3377

Monochromacy



Original Color

35.7820, 0.3501, 0.3852

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.2777, 0.3263, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7820, 0.3501, 0.3852 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(166, 163, 125)` looks like.

```
.text, #text, p{  
    color:rgb(166, 163, 125)  
}
```

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(166, 163, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 163, 125) }
```

Border

The CSS property to change the border of an element to Yxy 35.7820, 0.3501, 0.3852 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(166, 163, 125) }
```

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

```
.border{ border-color:rgb(166, 163, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 163, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 163, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 163, 125);  
box-shadow:4px 4px 4px 4px rgb(166, 163,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7820, 0.3501, 0.3852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 163, 125) }
```

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

```
.background{ background-color: rgb(166,  
163, 125) }
```

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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