

Converting Colors

$Y_{xy}(35.7452, 0.3221, 0.3831)$

Have a look what the booklet for
Yxy(35.7452, 0.3221, 0.3831)
contains.

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Color

Yxy(35.8097, 0.3221, 0.3833)

Conversions

Conversions Part 1

Format	Color
Hex	92A885
RGB	146, 168, 133
RGB Percent	57%, 66%, 52%
CMY	0.4274, 0.3412, 0.4784
CMYK	0.13, 0.00, 0.21, 0.34
HSL	98°, 17%, 59%
HSV	98°, 21%, 66%
XYZ	30.0921, 35.8097, 27.5229
YIQ	157.4320, -1.8770, -15.5490

Conversions

Conversions Part 2

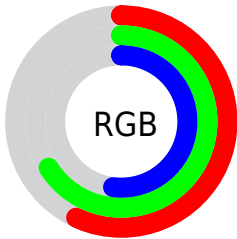
Format	Color
RYB	133, 168, 155
Decimal	9611397
CIELab	66.37, -14.28, 15.57
CIELCh	66, 21.126, 132.531
Yxy	35.8097, 0.3221, 0.3833
Android (android.graphics.Color)	4287801477 (0xFF92A885)
YUV	157.4320, -12.0450, -10.0259
Hunter-Lab	59.8412, -14.9605, 14.6194

Details

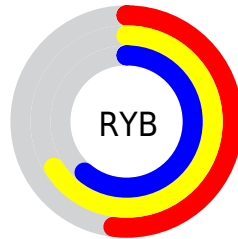
The Yxy color $35.8097, 0.3221, 0.3833$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $26.5777, 0.3012, 0.2763$, and the grayscale version is $33.9794, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.5999, 0.3206, 0.3723$, and $15.5482, 0.3245, 0.4028$ is the 20% darker color. If you saturate the color by 10%, you get $34.4595, 0.3261, 0.4127$, and if you desaturate by 10%, it is $37.3268, 0.3177, 0.3559$.

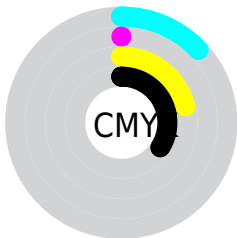
Distribution



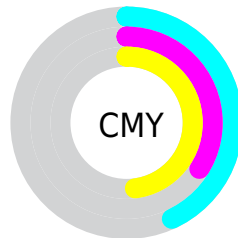
- Red (57%)
- Green (66%)
- Blue (52%)



- Red (52%)
- Yellow (66%)
- Blue (61%)



- Cyan (13%)
- Magenta (0%)
- Yellow (21%)
- Black (34%)



- Cyan (43%)
- Magenta (34%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.8097, 0.3221, 0.3833 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 35.8097, 0.3221, 0.3833 by changing the saturation by 10% instead.


 35.8097, 0.3221,
0.3833


 35.8097, 0.3221,
0.3833


328.1280, 0.3176,
0.3542

 24.2873, 0.3231,
0.3913


 68.7382, 0.3205,
0.3722

 15.5468, 0.3243,
0.4019


 90.9131, 0.3199,
0.3682

 9.2041, 0.3257,
0.4169

 117.4076, 0.3194,
0.3649

 4.8745, 0.3272,
0.4395

148.6061, 0.3190,
0.3621

 2.1738, 0.3282,
0.4774

184.8930, 0.3186,
0.3597

 0.7057, 0.3134,
0.6866

226.6527, 0.3182,

 0.0000, 0.0000,

0.3576

0.0000

274.2696, 0.3179,
0.3558

■ 35.8097, 0.3221,
0.3833

■ 35.8097, 0.3221,
0.3833

■ 34.4595, 0.3261,
0.4127

■ 37.3268, 0.3177,
0.3559

■ 33.2655, 0.3295,
0.4435

■ 39.0116, 0.3131,
0.3309

■ 32.2230, 0.3319,
0.4746

■ 40.8711, 0.3085,
0.3084

■ 31.3252, 0.3329,
0.5047

■ 42.9104, 0.3041,
0.2883

■ 30.5647, 0.3323,
0.5320

■ 45.1343, 0.2998,
0.2704

■ 29.9332, 0.3299,
0.5548

■ 47.5475, 0.2957,
0.2546

■ 29.4215, 0.3259,
0.5718

■ 50.1544, 0.2920,
0.2406

■ 29.0418, 0.3214,
0.5830

■ 52.1334, 0.2972,
0.2389

■ 53.9396, 0.3055,
0.2411

Harmonies

Analogous

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



35.8097, 0.3524, 0.3855



35.8097, 0.3221, 0.3833



35.8097, 0.2904, 0.3640

Triad

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



35.8097, 0.3221, 0.3833



35.8097, 0.2557, 0.2840



35.8097, 0.3617, 0.3213

Complementary

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



35.8097, 0.3221, 0.3833



26.5777, 0.3012, 0.2763

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.



35.8097, 0.3335, 0.2974



35.8097, 0.3221, 0.3833



35.8097, 0.2726, 0.2760

Square

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



35.8097, 0.3221, 0.3833



35.8097, 0.2531, 0.3047



35.8097, 0.3007, 0.2811



35.8097, 0.3762, 0.3480

Rectangle

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



35.8097, 0.3221, 0.3833



35.8097, 0.2726, 0.3447



35.8097, 0.3007, 0.2811



35.8097, 0.3534, 0.3127

Sweetspot

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



35.8112, 0.3221, 0.3833



69.1357, 0.3155, 0.3439



33.3259, 0.3471, 0.3610



15.0279, 0.3158, 0.3454



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.



35.8112, 0.3221, 0.3833



63.8102, 0.3240, 0.3967



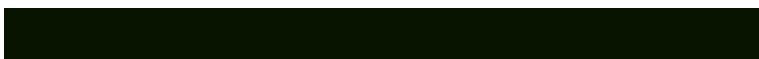
34.8029, 0.3067, 0.3785



8.5383, 0.3170, 0.3519



21.9581, 0.3221, 0.5824



0.5634, 0.3501, 0.5602

Inverse Universe

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



26.5777, 0.3012, 0.2763



43.9863, 0.2981, 0.2637



27.7829, 0.3193, 0.2840



7.5254, 0.3081, 0.3063



4.4617, 0.2311, 0.1047



0.1362, 0.2616, 0.1215

Previews

White Background



This preview shows how the Yxy color 35.8097, 0.3221, 0.3833 looks on a white background.

Color Contrast Check

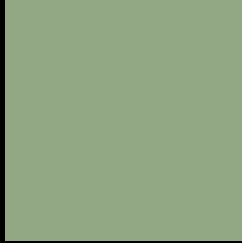
Large Text (above 18pt) WCAG AA × Fail

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 35.8097, 0.3221, 0.3833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

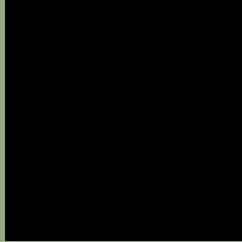
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8097, 0.3221, 0.3833

Background



This preview shows how black text looks on a background with the Yxy color 35.8097, 0.3221, 0.3833.



This preview shows how white text looks on a background with the Yxy color 35.8097, 0.3221, 0.3833.

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

35.8097, 0.3221, 0.3833

Protanopia

35.7594, 0.3512, 0.3741

Deuteranopia

35.6594, 0.3629, 0.3554



Tritanopia

35.7081, 0.2934, 0.3100

Trichromacy



Original Color

35.8097, 0.3221, 0.3833

Protanomaly

35.8710, 0.3403, 0.3782

Deuteranomaly

35.5488, 0.3468, 0.3654

Tritanomaly

35.5730, 0.3032, 0.3350

Monochromacy



Original Color

35.8097, 0.3221, 0.3833

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.4002, 0.3166, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8097, 0.3221, 0.3833 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(146, 168, 133)` looks like.

```
.text, #text, p{  
    color:rgb(146, 168, 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(146, 168, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 168, 133) }
```

Border

The CSS property to change the border of an element to Yxy 35.8097, 0.3221, 0.3833 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(146, 168, 133) }
```

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

```
.border{ border-color:rgb(146, 168, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 168, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 168, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 168, 133);  
box-shadow:4px 4px 4px 4px rgb(146, 168,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8097, 0.3221, 0.3833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 168, 133) }
```

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

```
.background{ background-color: rgb(146,  
168, 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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