

Converting Colors

$Yxy(38.3281, 0.3328, 0.3825)$

Have a look what the booklet for
Yxy(38.3281, 0.3328, 0.3825)
contains.

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Color

Yxy(38.3487, 0.3332, 0.3822)

Conversions

Conversions Part 1

Format	Color
Hex	A0AB87
RGB	160, 171, 135
RGB Percent	63%, 67%, 53%
CMY	0.3726, 0.3294, 0.4706
CMYK	0.06, 0.00, 0.21, 0.33
HSL	78°, 18%, 60%
HSV	78°, 21%, 67%
XYZ	33.4322, 38.3487, 28.5558
YIQ	163.6070, 5.0000, -13.5280

Conversions

Conversions Part 2

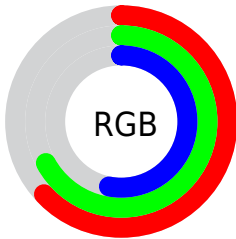
Format	Color
RYB	135, 171, 146
Decimal	10529671
CIELab	68.28, -10.31, 17.29
CIELCh	68, 20.128, 120.821
Yxy	38.3487, 0.3332, 0.3822
Android (android.graphics.Color)	4288719751 (0xFFA0AB87)
YUV	163.6070, -14.1033, -3.1633
Hunter-Lab	61.9263, -12.0042, 16.0083

Details

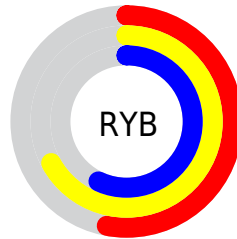
The Yxy color **38.3487, 0.3332, 0.3822** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.3748, 0.2891, 0.2736**, and the grayscale version is **36.9946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4706, 0.3298, 0.3717**, and **17.0377, 0.3387, 0.4001** is the 20% darker color. If you saturate the color by 10%, you get **37.3795, 0.3427, 0.4092**, and if you desaturate by 10%, it is **39.4213, 0.3235, 0.3561**.

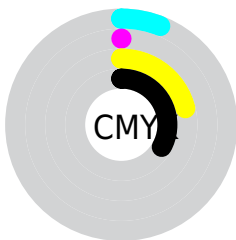
Distribution



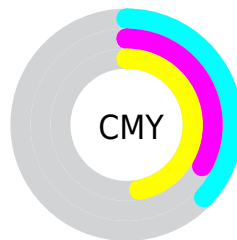
- Red (63%)
- Green (67%)
- Blue (53%)



- Red (53%)
- Yellow (67%)
- Blue (57%)



- Cyan (6%)
- Magenta (0%)
- Yellow (21%)
- Black (33%)



- Cyan (37%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3487, 0.3332, 0.3822 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 38.3487, 0.3332, 0.3822 by changing the saturation by 10% instead.


 38.3487, 0.3332,
0.3822

 38.3487, 0.3332,
0.3822


339.1134, 0.3230,
0.3542


 26.2534, 0.3357,
0.3897


 72.6423, 0.3295,
0.3717

 17.0133, 0.3389,
0.3995


 95.6094, 0.3281,
0.3678

 10.2440, 0.3430,
0.4132


 122.9693, 0.3269,
0.3646

 5.5610, 0.3485,
0.4332

155.1062, 0.3259,
0.3619

 2.5800, 0.3557,
0.4650

192.4048, 0.3250,
0.3596

 0.9166, 0.4031,
0.5969

235.2492, 0.3243,

 0.0000, 0.0000,

0.3575

0.0000

284.0240, 0.3236,
0.3558

■ 38.3487, 0.3332,
0.3822

■ 38.3487, 0.3332,
0.3822

■ 37.3795, 0.3427,
0.4092

■ 39.4213, 0.3235,
0.3561

■ 36.5046, 0.3514,
0.4364

■ 40.5959, 0.3137,
0.3315

■ 35.7216, 0.3590,
0.4628

■ 41.8778, 0.3043,
0.3086

■ 35.0256, 0.3649,
0.4873

■ 43.2701, 0.2953,
0.2876

■ 34.4117, 0.3687,
0.5088

■ 44.7762, 0.2868,
0.2685

■ 33.8739, 0.3701,
0.5262

■ 46.3990, 0.2789,
0.2512

■ 33.4054, 0.3691,
0.5389

■ 48.1414, 0.2715,
0.2356

■ 33.0324, 0.3666,
0.5471

■ 48.8771, 0.2752,
0.2363

■ 49.6175, 0.2791,
0.2373

Harmonies

Analogous

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



38.3487, 0.3586, 0.3782



38.3487, 0.3332, 0.3822



38.3487, 0.3032, 0.3701

Triad

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



38.3487, 0.3332, 0.3822



38.3487, 0.2568, 0.2933



38.3487, 0.3492, 0.3125

Complementary

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



38.3487, 0.3332, 0.3822



26.3748, 0.2891, 0.2736

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.



38.3487, 0.3202, 0.2924



38.3487, 0.3332, 0.3822



38.3487, 0.2677, 0.2809

Square

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



38.3487, 0.3332, 0.3822



38.3487, 0.2600, 0.3166



38.3487, 0.2904, 0.2810



38.3487, 0.3684, 0.3372

Rectangle

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



38.3487, 0.3332, 0.3822



38.3487, 0.2846, 0.3545



38.3487, 0.2904, 0.2810



38.3487, 0.3402, 0.3051

Sweetspot

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



38.3504, 0.3332, 0.3822



71.6155, 0.3186, 0.3437



30.9011, 0.3508, 0.3451



15.9412, 0.3192, 0.3453



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.



38.3504, 0.3332, 0.3822



67.8956, 0.3374, 0.3939



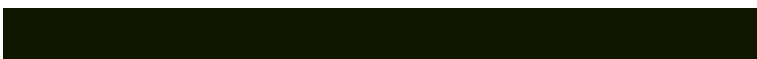
36.6445, 0.3165, 0.3850



9.2056, 0.3217, 0.3517



24.9283, 0.3672, 0.5467



0.7204, 0.3837, 0.5336

Inverse Universe

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



26.3748, 0.2891, 0.2736



42.7879, 0.2833, 0.2608



28.1359, 0.3075, 0.2766



7.8715, 0.3031, 0.3059



2.7968, 0.1723, 0.0723



0.1069, 0.2077, 0.0918

Previews

White Background



This preview shows how the Yxy color 38.3487, 0.3332, 0.3822 looks on a white background.

Color Contrast Check

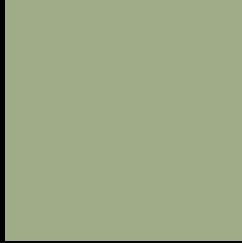
Large Text (above 18pt) WCAG AA × Fail

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 38.3487, 0.3332, 0.3822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

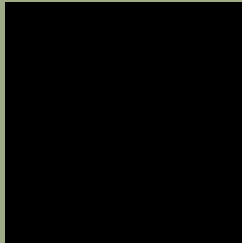
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

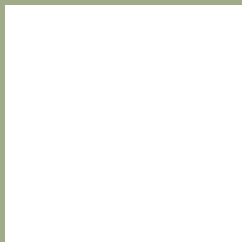
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.3487, 0.3332, 0.3822

Background



This preview shows how black text looks on a background with the Yxy color 38.3487, 0.3332, 0.3822.



This preview shows how white text looks on a background with the Yxy color 38.3487, 0.3332, 0.3822.

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

38.3487, 0.3332, 0.3822

Protanopia

38.3130, 0.3529, 0.3756

Deuteranopia

38.1542, 0.3664, 0.3601



Tritanopia

38.2316, 0.3026, 0.3109

Trichromacy



Original Color

38.3487, 0.3332, 0.3822

Protanomaly

38.3844, 0.3455, 0.3778

Deuteranomaly

38.0318, 0.3538, 0.3682

Tritanomaly

38.1386, 0.3142, 0.3362

Monochromacy



Original Color

38.3487, 0.3332, 0.3822

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.7239, 0.3211, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3487, 0.3332, 0.3822 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(160, 171, 135)` looks like.

```
.text, #text, p{  
    color:rgb(160, 171, 135)  
}
```

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(160, 171, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 171, 135) }
```

Border

The CSS property to change the border of an element to Yxy 38.3487, 0.3332, 0.3822 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(160, 171, 135) }
```

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

```
.border{ border-color:rgb(160, 171, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 171, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 171, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 171, 135);  
box-shadow:4px 4px 4px 4px rgb(160, 171,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3487, 0.3332, 0.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 171, 135) }
```

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

```
.background{ background-color: rgb(160,  
171, 135) }
```

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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