

Converting Colors

$Yxy(33.0619, 0.3225, 0.3835)$

Have a look what the booklet for
Yxy(33.0619, 0.3225, 0.3835)
contains.

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Color

Yxy(33.0619, 0.3225, 0.3835)

Conversions

Conversions Part 1

Format	Color
Hex	8DA280
RGB	141, 162, 128
RGB Percent	55%, 64%, 50%
CMY	0.4470, 0.3647, 0.4979
CMYK	0.13, 0.00, 0.21, 0.36
HSL	97°, 15%, 57%
HSV	97°, 21%, 64%
XYZ	27.8030, 33.0619, 25.3460
YIQ	151.8450, -1.6020, -15.0260

Conversions

Conversions Part 2

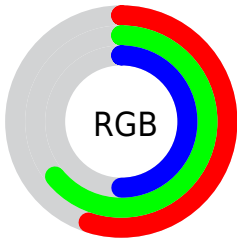
Format	Color
RYB	128, 162, 149
Decimal	9282176
CIELab	64.21, -13.83, 15.26
CIElCh	64, 20.595, 132.170
Yxy	33.0619, 0.3225, 0.3835
Android (android.graphics.Color)	4287472256 (0xFF8DA280)
YUV	151.8450, -11.7556, -9.5111
Hunter-Lab	57.4995, -14.3130, 14.1143

Details

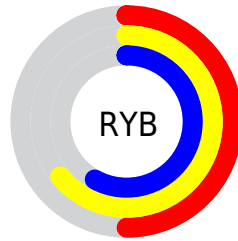
The Yxy color **33.0619, 0.3225, 0.3835** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **24.4445, 0.3008, 0.2760**, and the grayscale version is **31.3830, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5640, 0.3209, 0.3722**, and **13.8900, 0.3240, 0.4017** is the 20% darker color. If you saturate the color by 10%, you get **31.8318, 0.3267, 0.4128**, and if you desaturate by 10%, it is **34.4423, 0.3179, 0.3562**.

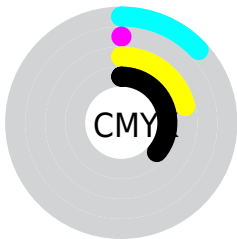
Distribution



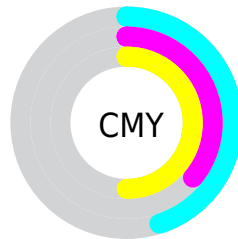
- Red (55%)
- Green (64%)
- Blue (50%)



- Red (50%)
- Yellow (64%)
- Blue (58%)



- Cyan (13%)
- Magenta (0%)
- Yellow (21%)
- Black (36%)





- Cyan (45%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0619, 0.3225, 0.3835 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 33.0619, 0.3225, 0.3835 by changing the saturation by 10% instead.

 33.0619, 0.3225,
0.3835


 33.0619, 0.3225,
0.3835


315.9286, 0.3177,
0.3539


 22.1739, 0.3236,
0.3917


 64.4722, 0.3208,
0.3722

 13.9847, 0.3249,
0.4029


 85.7632, 0.3202,
0.3681

 8.1100, 0.3265,
0.4187


 111.2906, 0.3196,
0.3647

 4.1654, 0.3282,
0.4431

141.4390, 0.3191,
0.3619

 1.7665, 0.3320,
0.4892

176.5925, 0.3187,
0.3594

 0.4662, 0.1846,
0.8154

217.1357, 0.3184,

 0.0000, 0.0000,

0.3574

0.0000

263.4529, 0.3180,
0.3555

■ 33.0619, 0.3225,
0.3835

■ 33.0619, 0.3225,
0.3835

■ 31.8318, 0.3267,
0.4128

■ 34.4423, 0.3179,
0.3562

■ 30.7425, 0.3302,
0.4433

■ 35.9736, 0.3132,
0.3313

■ 29.7896, 0.3327,
0.4742


■ 37.6623, 0.3084,
0.3088


■ 28.9671, 0.3339,
0.5040


■ 39.5127, 0.3038,
0.2886

■ 28.2683, 0.3334,
0.5311


■ 41.5292, 0.2994,
0.2707


 27.6859, 0.3311,
0.5538

 43.7161, 0.2953,
0.2549

 27.2115, 0.3272,
0.5707

 46.0773, 0.2914,
0.2408

 26.8618, 0.3228,
0.5819

 48.4466, 0.2896,
0.2307

 50.0659, 0.2976,
0.2329

Harmonies

Analogous

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



33.0619, 0.3527, 0.3855



33.0619, 0.3225, 0.3835



33.0619, 0.2907, 0.3644

Triad

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



33.0619, 0.3225, 0.3835



33.0619, 0.2555, 0.2841



33.0619, 0.3615, 0.3209

Complementary

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



33.0619, 0.3225, 0.3835



24.4445, 0.3008, 0.2760

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.



33.0619, 0.3332, 0.2971



33.0619, 0.3225, 0.3835



33.0619, 0.2723, 0.2760

Square

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



33.0619, 0.3225, 0.3835



33.0619, 0.2531, 0.3050



33.0619, 0.3003, 0.2809



33.0619, 0.3762, 0.3477

Rectangle

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



33.0619, 0.3225, 0.3835



33.0619, 0.2728, 0.3451



33.0619, 0.3003, 0.2809



33.0619, 0.3532, 0.3124

Sweetspot

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



33.0633, 0.3225, 0.3835



63.8430, 0.3156, 0.3438



30.7280, 0.3472, 0.3612



14.3009, 0.3159, 0.3454



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



33.0633, 0.3225, 0.3835



58.9847, 0.3245, 0.3965



32.0976, 0.3067, 0.3788



8.0208, 0.3171, 0.3518



21.1854, 0.3234, 0.5814



0.4718, 0.3536, 0.5574

Inverse Universe

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



24.4445, 0.3008, 0.2760



40.5744, 0.2976, 0.2638



25.5959, 0.3193, 0.2838



7.0664, 0.3079, 0.3064



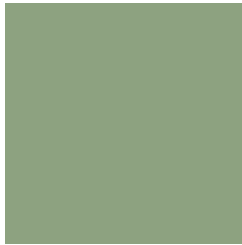
4.2194, 0.2288, 0.1034



0.1145, 0.2632, 0.1224

Previews

White Background



This preview shows how the Yxy color 33.0619, 0.3225, 0.3835 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 33.0619, 0.3225, 0.3835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

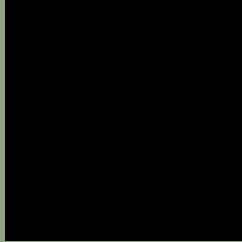
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0619, 0.3225, 0.3835

Background



This preview shows how black text looks on a background with the Yxy color 33.0619, 0.3225, 0.3835.



This preview shows how white text looks on a background with the Yxy color 33.0619, 0.3225, 0.3835.

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

33.0619, 0.3225, 0.3835

Protanopia

32.9227, 0.3516, 0.3742

Deuteranopia

32.7173, 0.3627, 0.3549



Tritanopia

32.8446, 0.2928, 0.3094

Trichromacy



Original Color

33.0619, 0.3225, 0.3835

Protanomaly

33.0280, 0.3403, 0.3784

Deuteranomaly

32.7222, 0.3470, 0.3651

Tritanomaly

32.8066, 0.3038, 0.3352

Monochromacy



Original Color

33.0619, 0.3225, 0.3835

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.0560, 0.3167, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0619, 0.3225, 0.3835 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(141, 162, 128)` looks like.

```
.text, #text, p{  
    color:rgb(141, 162, 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(141, 162, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 162, 128) }
```

Border

The CSS property to change the border of an element to Yxy 33.0619, 0.3225, 0.3835 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(141, 162, 128) }
```

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

```
.border{ border-color:rgb(141, 162, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 162, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 162, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 162, 128);  
box-shadow:4px 4px 4px 4px rgb(141, 162,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0619, 0.3225, 0.3835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 162, 128) }
```

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

```
.background{ background-color: rgb(141,  
162, 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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