

Converting Colors

$Y_{xy}(33.0065, 0.3278, 0.3738)$

Have a look what the booklet for
Yxy(33.0065, 0.3278, 0.3738)
contains.

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Color

Yxy(33.1699, 0.3281, 0.3745)

Conversions

Conversions Part 1

Format	Color
Hex	95A083
RGB	149, 160, 131
RGB Percent	58%, 63%, 51%
CMY	0.4157, 0.3725, 0.4863
CMYK	0.07, 0.00, 0.18, 0.37
HSL	83°, 13%, 57%
HSV	83°, 18%, 63%
XYZ	29.0602, 33.1699, 26.3411
YIQ	153.4050, 2.7530, -11.3510

Conversions

Conversions Part 2

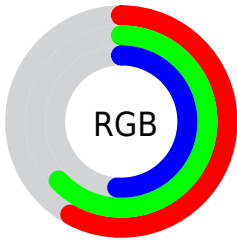
Format	Color
RYB	131, 160, 142
Decimal	9805955
CIELab	64.30, -9.27, 13.83
CIELCh	64, 16.647, 123.852
Yxy	33.1699, 0.3281, 0.3745
Android (android.graphics.Color)	4287996035 (0xFF95A083)
YUV	153.4050, -11.0457, -3.8632
Hunter-Lab	57.5933, -10.7215, 13.1983

Details

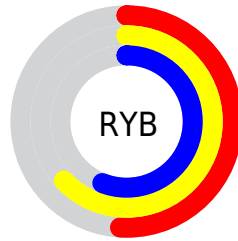
The Yxy color **33.1699, 0.3281, 0.3745** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.5212, 0.2952, 0.2826**, and the grayscale version is **32.0890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.7581, 0.3250, 0.3656**, and **14.1431, 0.3318, 0.3902** is the 20% darker color. If you saturate the color by 10%, you get **32.2138, 0.3364, 0.4016**, and if you desaturate by 10%, it is **34.2257, 0.3196, 0.3487**.

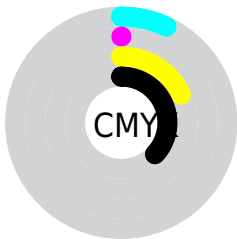
Distribution



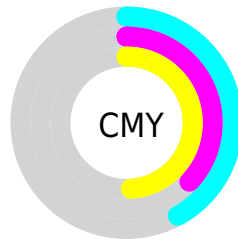
- Red (58%)
- Green (63%)
- Blue (51%)



- Red (51%)
- Yellow (63%)
- Blue (56%)



- Cyan (7%)
- Magenta (0%)
- Yellow (18%)
- Black (37%)





- Cyan (42%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.1699, 0.3281, 0.3745 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 33.1699, 0.3281, 0.3745 by changing the saturation by 10% instead.


 33.1699, 0.3281,
0.3745


 33.1699, 0.3281,
0.3745


316.4146, 0.3202,
0.3500


 22.2566, 0.3301,
0.3812


 64.6407, 0.3252,
0.3651

 14.0456, 0.3327,
0.3903


 85.9670, 0.3241,
0.3618

 8.1524, 0.3361,
0.4032


 111.5331, 0.3232,
0.3590

 4.1926, 0.3408,
0.4227

141.7234, 0.3224,
0.3566

 1.7819, 0.3485,
0.4573

176.9224, 0.3218,
0.3546

 0.4758, 0.3219,
0.6781

217.5143, 0.3212,

 0.0000, 0.0000,

0.3529

0.0000

263.8836, 0.3207,
0.3513

■ 33.1699, 0.3281,
0.3745

■ 33.1699, 0.3281,
0.3745

■ 32.2138, 0.3364,
0.4016

■ 34.2257, 0.3196,
0.3487

■ 31.3496, 0.3441,
0.4295

■ 35.3802, 0.3112,
0.3246

■ 30.5749, 0.3507,
0.4572

■ 36.6380, 0.3029,
0.3025

■ 29.8857, 0.3559,
0.4836

■ 38.0020, 0.2951,
0.2823

■ 29.2775, 0.3592,
0.5075

■ 39.4751, 0.2877,
0.2641

■ 28.7453, 0.3603,
0.5277

■ 41.0600, 0.2808,
0.2477

■ 28.2835, 0.3590,
0.5433

■ 42.7594, 0.2745,
0.2330

■ 27.8819, 0.3556,
0.5544

■ 44.3154, 0.2711,
0.2233

■ 27.8108, 0.3550,
0.5563

■ 45.1555, 0.2758,
0.2247

Harmonies

Analogous

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



33.1699, 0.3508, 0.3727



33.1699, 0.3281, 0.3745



33.1699, 0.3020, 0.3627

Triad

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



33.1699, 0.3281, 0.3745



33.1699, 0.2643, 0.2965



33.1699, 0.3466, 0.3168

Complementary

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



33.1699, 0.3281, 0.3745



24.5212, 0.2952, 0.2826

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.



33.1699, 0.3221, 0.2985



33.1699, 0.3281, 0.3745



33.1699, 0.2750, 0.2866

Square

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



33.1699, 0.3281, 0.3745



33.1699, 0.2658, 0.3161



33.1699, 0.2959, 0.2876



33.1699, 0.3620, 0.3386

Rectangle

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



33.1699, 0.3281, 0.3745



33.1699, 0.2861, 0.3487



33.1699, 0.2959, 0.2876



33.1699, 0.3391, 0.3101

Sweetspot

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



33.1713, 0.3281, 0.3745



62.7547, 0.3170, 0.3412



28.3497, 0.3440, 0.3456



13.7334, 0.3176, 0.3428



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



33.1713, 0.3281, 0.3745



59.4563, 0.3317, 0.3860



31.9222, 0.3142, 0.3765



7.5945, 0.3205, 0.3515



21.6878, 0.3555, 0.5559



0.4114, 0.3820, 0.5349

Inverse Universe

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



24.5212, 0.2952, 0.2826



40.6090, 0.2904, 0.2705



25.8512, 0.3105, 0.2847



6.5519, 0.3044, 0.3063



2.7676, 0.1832, 0.0783



0.0728, 0.2292, 0.1037

Previews

White Background



This preview shows how the Yxy color 33.1699, 0.3281, 0.3745 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 33.1699, 0.3281, 0.3745 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

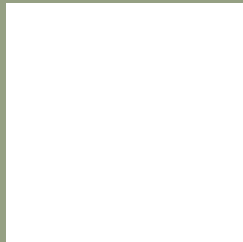
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.1699, 0.3281, 0.3745

Background



This preview shows how black text looks on a background with the Yxy color 33.1699, 0.3281, 0.3745.



This preview shows how white text looks on a background with the Yxy color 33.1699, 0.3281, 0.3745.

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

33.1699, 0.3281, 0.3745

Protanopia

33.0270, 0.3477, 0.3681

Deuteranopia

33.0899, 0.3603, 0.3534



Tritanopia

33.1027, 0.3010, 0.3112

Trichromacy



Original Color

33.1699, 0.3281, 0.3745

Protanomaly

33.0966, 0.3399, 0.3703

Deuteranomaly

33.1020, 0.3483, 0.3617

Tritanomaly

33.1224, 0.3106, 0.3336

Monochromacy



Original Color

33.1699, 0.3281, 0.3745

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.4967, 0.3188, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1699, 0.3281, 0.3745 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(149, 160, 131)` looks like.

```
.text, #text, p{  
    color:rgb(149, 160, 131)  
}
```

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(149, 160, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 160, 131) }
```

Border

The CSS property to change the border of an element to Yxy 33.1699, 0.3281, 0.3745 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(149, 160, 131) }
```

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

```
.border{ border-color:rgb(149, 160, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 160, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 160, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 160, 131);  
box-shadow:4px 4px 4px 4px rgb(149, 160,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1699, 0.3281, 0.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 160, 131) }
```

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

```
.background{ background-color: rgb(149,  
160, 131) }
```

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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