

Converting Colors

$Yxy(33.4563, 0.3190, 0.3793)$

Have a look what the booklet for
Yxy(33.4563, 0.3190, 0.3793)
contains.

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Color

Yxy(33.4958, 0.3197, 0.3801)

Conversions

Conversions Part 1

Format	Color
Hex	8DA383
RGB	141, 163, 131
RGB Percent	55%, 64%, 51%
CMY	0.4472, 0.3607, 0.4863
CMYK	0.14, 0.00, 0.20, 0.36
HSL	101°, 15%, 58%
HSV	101°, 20%, 64%
XYZ	28.1731, 33.4958, 26.4547
YIQ	152.7740, -2.8400, -14.6160

Conversions

Conversions Part 2

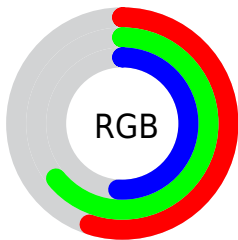
Format	Color
R_{YB}	131, 163, 153
Decimal	9282435
CIE _{Lab}	64.56, -13.87, 14.10
CIE _{LCh}	65, 19.774, 134.524
Yxy	33.4958, 0.3197, 0.3801
Android (android.graphics.Color)	4287472515 (0xFF8DA383)
YUV	152.7740, -10.7346, -10.3258
Hunter-Lab	57.8756, -14.3905, 13.4116

Details

The Yxy color **33.4958, 0.3197, 0.3801** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **25.6574, 0.3041, 0.2799**, and the grayscale version is **31.7980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2056, 0.3187, 0.3696**, and **14.2022, 0.3215, 0.3963** is the 20% darker color. If you saturate the color by 10%, you get **32.1544, 0.3228, 0.4096**, and if you desaturate by 10%, it is **35.0095, 0.3162, 0.3529**.

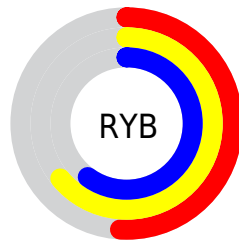
Distribution



Red (55%)

Green (64%)

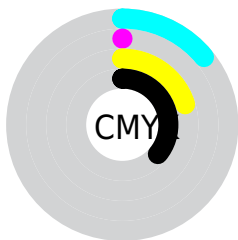
Blue (51%)



Red (51%)

Yellow (64%)

Blue (60%)

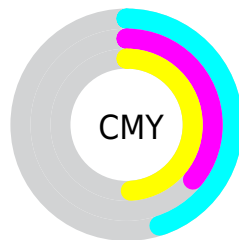


Cyan (14%)

Magenta (0%)

Yellow (20%)

Black (36%)



Cyan (45%)


Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.4958, 0.3197, 0.3801 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 33.4958, 0.3197, 0.3801 by changing the saturation by 10% instead.

 33.4958, 0.3197,
0.3801


 33.4958, 0.3197,
0.3801


317.8780, 0.3164,
0.3524


 22.5065, 0.3204,
0.3878


 65.1488, 0.3186,
0.3695

 14.2296, 0.3213,
0.3982


 86.5814, 0.3181,
0.3657

 8.2805, 0.3222,
0.4129


 112.2638, 0.3177,
0.3625

 4.2750, 0.3231,
0.4356

142.5805, 0.3174,
0.3599

 1.8285, 0.3239,
0.4758

177.9159, 0.3171,
0.3576

 0.5049, 0.2188,
0.7812

218.6543, 0.3168,

 0.0000, 0.0000,

0.3557

0.0000

265.1802, 0.3166,
0.3539

■ 33.4958, 0.3197,
0.3801

■ 33.4958, 0.3197,
0.3801

■ 32.1544, 0.3228,
0.4096

■ 35.0095, 0.3162,
0.3529

■ 30.9749, 0.3254,
0.4408

■ 36.6970, 0.3126,
0.3281

■ 29.9519, 0.3270,
0.4727

■ 38.5654, 0.3089,
0.3060

■ 29.0785, 0.3275,
0.5038

■ 40.6200, 0.3054,
0.2864

■ 28.3469, 0.3266,
0.5323

■ 42.8659, 0.3019,
0.2690

■ 27.7487, 0.3242,
0.5564

■ 45.3080, 0.2987,
0.2537

■ 27.2742, 0.3203,
0.5746

■ 47.9510, 0.2956,
0.2403

■ 26.9069, 0.3158,
0.5871

■ 50.3792, 0.2974,
0.2339

■ 26.8950, 0.3157,
0.5876

■ 52.3070, 0.3064,
0.2364

Harmonies

Analogous

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



33.4958, 0.3490, 0.3834



33.4958, 0.3197, 0.3801



33.4958, 0.2895, 0.3608

Triad

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



33.4958, 0.3197, 0.3801



33.4958, 0.2587, 0.2850



33.4958, 0.3610, 0.3233

Complementary

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



33.4958, 0.3197, 0.3801



25.6574, 0.3041, 0.2799

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.



33.4958, 0.3347, 0.3000



33.4958, 0.3197, 0.3801



33.4958, 0.2758, 0.2781

Square

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



33.4958, 0.3197, 0.3801



33.4958, 0.2553, 0.3041



33.4958, 0.3033, 0.2838



33.4958, 0.3738, 0.3490

Rectangle

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



33.4958, 0.3197, 0.3801



33.4958, 0.2728, 0.3421



33.4958, 0.3033, 0.2838



33.4958, 0.3534, 0.3150

Sweetspot

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



33.4972, 0.3197, 0.3801



63.7157, 0.3149, 0.3438



32.1695, 0.3443, 0.3622



14.2696, 0.3152, 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.



33.4972, 0.3197, 0.3801



58.7858, 0.3213, 0.3940



32.8277, 0.3053, 0.3717



7.9969, 0.3161, 0.3519



20.9201, 0.3163, 0.5871



0.4636, 0.3449, 0.5643

Inverse Universe

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



25.6574, 0.3041, 0.2799



41.8913, 0.3015, 0.2671



26.4615, 0.3211, 0.2898



7.0912, 0.3090, 0.3065



4.7737, 0.2450, 0.1124



0.1235, 0.2739, 0.1283

Previews

White Background



This preview shows how the Yxy color 33.4958, 0.3197, 0.3801 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 33.4958, 0.3197, 0.3801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

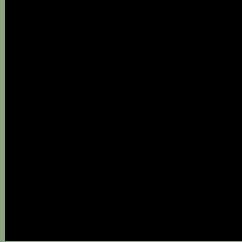
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.4958, 0.3197, 0.3801

Background



This preview shows how black text looks on a background with the Yxy color 33.4958, 0.3197, 0.3801.



This preview shows how white text looks on a background with the Yxy color 33.4958, 0.3197, 0.3801.

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

33.4958, 0.3197, 0.3801

Protanopia

33.3348, 0.3484, 0.3710

Deuteranopia

33.1176, 0.3593, 0.3520



Tritanopia

33.5590, 0.2920, 0.3110

Trichromacy



Original Color

33.4958, 0.3197, 0.3801

Protanomaly

33.4492, 0.3373, 0.3752

Deuteranomaly

33.1355, 0.3438, 0.3620

Tritanomaly

33.5617, 0.3020, 0.3351

Monochromacy



Original Color

33.4958, 0.3197, 0.3801

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.5478, 0.3158, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4958, 0.3197, 0.3801 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, 163, 131)` looks like.

```
.text, #text, p{  
    color:rgb(141, 163, 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(141, 163, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 163, 131) }
```

Border

The CSS property to change the border of an element to Yxy 33.4958, 0.3197, 0.3801 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, 163, 131) }
```

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

```
.border{ border-color:rgb(141, 163, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 163, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 163, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 163, 131);  
box-shadow:4px 4px 4px 4px rgb(141, 163,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4958, 0.3197, 0.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 163, 131) }
```

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

```
.background{ background-color: rgb(141,  
163, 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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