

Converting Colors

$Yxy(33.6604, 0.3652, 0.4271)$

Have a look what the booklet for
Yxy(33.6604, 0.3652, 0.4271)
contains.

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Color

Yxy(33.7716, 0.3650, 0.4282)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 9CA261 |
| RGB | 156, 162, 97 |
| RGB Percent | 61%, 64%, 38% |
| CMY | 0.3883, 0.3647, 0.6196 |
| CMYK | 0.04, 0.00, 0.40, 0.36 |
| HSL | 66°, 26%, 51% |
| HSV | 66°, 40%, 64% |
| XYZ | 28.7871, 33.7716, 16.3101 |
| YIQ | 152.7960, 17.2890, -21.4870 |

Conversions

Conversions Part 2

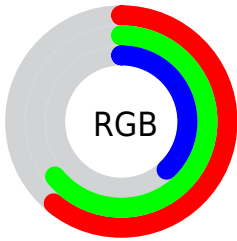
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 97, 162, 103 |
| Decimal | 10265185 |
| CIELab | 64.78, -12.41, 33.06 |
| CIELCh | 65, 35.313, 110.578 |
| Yxy | 33.7716, 0.3650, 0.4282 |
| Android (android.graphics.Color) | 4288455265 (0xFF9CA261) |
| YUV | 152.7960, -27.5074, 2.8099 |
| Hunter-Lab | 58.1133, -13.2764, 24.0390 |

Details

The Yxy color **33.7716, 0.3650, 0.4282** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.0426, 0.2466, 0.2113**, and the grayscale version is **31.8782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.6445, 0.3550, 0.4081**, and **14.2572, 0.3779, 0.4596** is the 20% darker color. If you saturate the color by 10%, you get **33.3525, 0.3765, 0.4514**, and if you desaturate by 10%, it is **34.2573, 0.3524, 0.4036**.

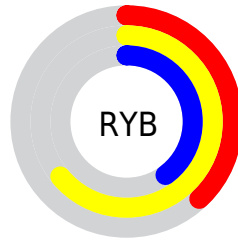
Distribution



Red (61%)

Green (64%)

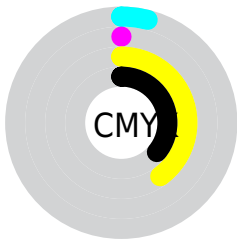
Blue (38%)



Red (38%)

Yellow (64%)

Blue (40%)

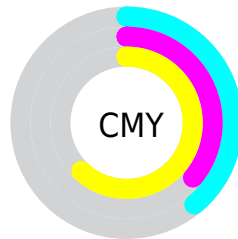


Cyan (4%)

Magenta (0%)

Yellow (40%)

Black (36%)



Cyan (39%)


Magenta (36%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.7716, 0.3650, 0.4282 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 33.7716, 0.3650, 0.4282 by changing the saturation by 10% instead.

 33.7716, 0.3650,
0.4282

 33.7716, 0.3650,
0.4282

319.1124, 0.3389,
0.3752

 22.7182, 0.3711,
0.4423


 65.5783, 0.3557,
0.4083

 14.3856, 0.3785,
0.4606


 87.1004, 0.3522,
0.4010

 8.3893, 0.3872,
0.4854


 112.8809, 0.3491,
0.3949

 4.3451, 0.3977,
0.5212

 143.3041, 0.3465,
0.3897

 1.8684, 0.4145,
0.5855

178.7545, 0.3442,
0.3853

 0.5293, 0.2743,
0.7257

219.6164, 0.3422,

 0.0000, 0.0000,

0.3815

0.0000

266.2742, 0.3405,
0.3782

■ 33.7716, 0.3650,
0.4282

■ 33.7716, 0.3650,
0.4282

■ 33.3525, 0.3765,
0.4514

■ 34.2573, 0.3524,
0.4036

■ 32.9917, 0.3864,
0.4721

■ 34.8085, 0.3392,
0.3784

■ 32.6865, 0.3942,
0.4896

■ 35.4299, 0.3259,
0.3534


■ 32.4320, 0.3996,
0.5030

■ 36.1246, 0.3129,
0.3293

■ 32.2228, 0.4024,
0.5122


■ 36.8953, 0.3004,
0.3065

 32.0477, 0.4033,
0.5179

 37.7448, 0.2885,
0.2851

 38.6756, 0.2775,
0.2655

 39.6901, 0.2674,
0.2475

 40.7906, 0.2581,
0.2312

Harmonies

Analogous

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



33.7716, 0.4063, 0.4069



33.7716, 0.3650, 0.4282



33.7716, 0.3117, 0.4189

Triad

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



33.7716, 0.3650, 0.4282



33.7716, 0.2138, 0.2747



33.7716, 0.3620, 0.2861

Complementary

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



33.7716, 0.3650, 0.4282



14.0426, 0.2466, 0.2113

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.



33.7716, 0.3059, 0.2567



33.7716, 0.3650, 0.4282



33.7716, 0.2242, 0.2481

Square

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



33.7716, 0.3650, 0.4282



33.7716, 0.2265, 0.3214



33.7716, 0.2563, 0.2428



33.7716, 0.4063, 0.3257

Rectangle

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



33.7716, 0.3650, 0.4282



33.7716, 0.2769, 0.3939



33.7716, 0.2563, 0.2428



33.7716, 0.3436, 0.2749

Sweetspot

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



33.7731, 0.3650, 0.4282



64.0672, 0.3287, 0.3586



18.1300, 0.4074, 0.3380



14.3574, 0.3303, 0.3616



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.



33.7731, 0.3650, 0.4282



60.6309, 0.3752, 0.4487



30.9975, 0.3322, 0.4399



8.2038, 0.3248, 0.3513



25.2557, 0.4035, 0.5178



0.5397, 0.4096, 0.5130

Inverse Universe

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



14.0426, 0.2466, 0.2113



19.8545, 0.2291, 0.1813



16.3025, 0.2834, 0.2224



6.8898, 0.3000, 0.3059



2.1442, 0.1538, 0.0621



0.0538, 0.1711, 0.0716

Previews

White Background



This preview shows how the Yxy color 33.7716, 0.3650, 0.4282 looks on a white background.

Color Contrast Check

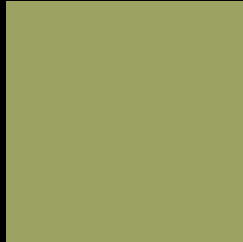
Large Text (above 18pt) WCAG AA × Fail

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 33.7716, 0.3650, 0.4282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

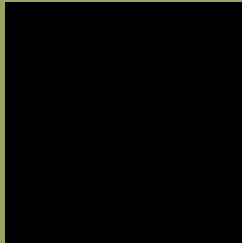
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.7716, 0.3650, 0.4282

Background



This preview shows how black text looks on a background with the Yxy color 33.7716, 0.3650, 0.4282.



This preview shows how white text looks on a background with the Yxy color 33.7716, 0.3650, 0.4282.

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

33.7716, 0.3650, 0.4282

Protanopia

33.7108, 0.3866, 0.4186

Deuteranopia

33.5516, 0.4048, 0.3972



Tritanopia

33.7569, 0.3116, 0.3116

Trichromacy



Original Color

33.7716, 0.3650, 0.4282

Protanomaly

33.7478, 0.3781, 0.4220

Deuteranomaly

33.3592, 0.3902, 0.4075

Tritanomaly

33.6141, 0.3315, 0.3531

Monochromacy



Original Color

33.7716, 0.3650, 0.4282

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.3404, 0.3321, 0.3647

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.7716, 0.3650, 0.4282 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(156, 162, 97)` looks like.

```
.text, #text, p{  
    color:rgb(156, 162, 97)  
}
```

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(156, 162, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 162, 97) }
```

Border

The CSS property to change the border of an element to Yxy 33.7716, 0.3650, 0.4282 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(156, 162, 97) }
```

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

```
.border{ border-color:rgb(156, 162, 97) }
```

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

Here you see how a box with a 4 pixel rgb(156, 162, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 162, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 162, 97);  
box-shadow:4px 4px 4px 4px rgb(156, 162,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 33.7716, 0.3650, 0.4282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 162, 97) }
```

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

```
.background{ background-color: rgb(156,  
162, 97) }
```

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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