

Converting Colors

$Yxy(32.7606, 0.3539, 0.4159)$

Have a look what the booklet for
Yxy(32.7606, 0.3539, 0.4159)
contains.

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Color

Yxy(32.7408, 0.3537, 0.4153)

Conversions

Conversions Part 1

Format	Color
Hex	97A069
RGB	151, 160, 105
RGB Percent	59%, 63%, 41%
CMY	0.4078, 0.3725, 0.5883
CMYK	0.06, 0.00, 0.34, 0.37
HSL	70°, 22%, 52%
HSV	70°, 34%, 63%
XYZ	27.8845, 32.7408, 18.2112
YIQ	151.0390, 12.2910, -19.0130

Conversions

Conversions Part 2

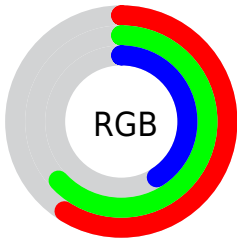
Format	Color
RYB	105, 160, 114
Decimal	9937001
CIELab	63.95, -12.38, 27.65
CIELCh	64, 30.297, 114.118
Yxy	32.7408, 0.3537, 0.4153
Android (android.graphics.Color)	4288127081 (0xFF97A069)
YUV	151.0390, -22.6972, -0.0342
Hunter-Lab	57.2196, -13.1469, 21.1835

Details

The Yxy color **32.7408, 0.3537, 0.4153** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.2149, 0.2620, 0.2317**, and the grayscale version is **31.0611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.1570, 0.3461, 0.3977**, and **13.8853, 0.3640, 0.4452** is the 20% darker color. If you saturate the color by 10%, you get **32.1963, 0.3646, 0.4404**, and if you desaturate by 10%, it is **33.3557, 0.3420, 0.3896**.

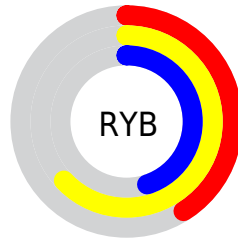
Distribution



Red (59%)

Green (63%)

Blue (41%)



Red (41%)

Yellow (63%)

Blue (45%)

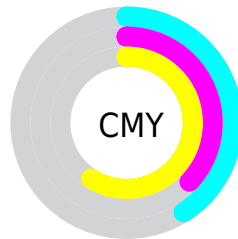


Cyan (6%)

Magenta (0%)

Yellow (34%)

Black (37%)



Cyan (41%)


Magenta (37%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7408, 0.3537, 0.4153 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 32.7408, 0.3537, 0.4153 by changing the saturation by 10% instead.


 32.7408, 0.3537,
0.4153


 32.7408, 0.3537,
0.4153


314.4801, 0.3330,
0.3688

 21.9280, 0.3587,
0.4280


 63.9706, 0.3462,
0.3976


 13.8040, 0.3649,
0.4448


 85.1564, 0.3434,
0.3912

 7.9845, 0.3725,
0.4681


 110.5687, 0.3410,
0.3858

 4.0850, 0.3812,
0.5017

 140.5917, 0.3390,
0.3814

 1.7212, 0.4126,
0.5874

175.6100, 0.3372,
0.3775

 0.4373, 0.2060,
0.7940

216.0079, 0.3356,

 0.0000, 0.0000,

0.3742

0.0000

262.1698, 0.3342,
0.3713

■ 32.7408, 0.3537,
0.4153

■ 32.7408, 0.3537,
0.4153

■ 32.1963, 0.3646,
0.4404

■ 33.3557, 0.3420,
0.3896

■ 31.7142, 0.3742,
0.4638

■ 34.0398, 0.3299,
0.3641

■ 31.2922, 0.3820,
0.4846


■ 34.7977, 0.3179,
0.3394


■ 30.9260, 0.3876,
0.5019


■ 35.6320, 0.3062,
0.3160


■ 30.6106, 0.3907,
0.5150

■ 36.5457, 0.2951,
0.2942


 30.3400, 0.3913,
0.5238

 37.5410, 0.2846,
0.2741

 30.1989, 0.3911,
0.5277

 38.6206, 0.2749,
0.2557

 39.7867, 0.2659,
0.2390

 41.0415, 0.2577,
0.2239

Harmonies

Analogous

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



32.7408, 0.3912, 0.4007



32.7408, 0.3537, 0.4153



32.7408, 0.3069, 0.4030

Triad

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



32.7408, 0.3537, 0.4153



32.7408, 0.2258, 0.2785



32.7408, 0.3609, 0.2953

Complementary

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



32.7408, 0.3537, 0.4153



16.2149, 0.2620, 0.2317

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.



32.7408, 0.3129, 0.2678



32.7408, 0.3537, 0.4153



32.7408, 0.2375, 0.2567

Square

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



32.7408, 0.3537, 0.4153



32.7408, 0.2349, 0.3176



32.7408, 0.2681, 0.2537



32.7408, 0.3968, 0.3312

Rectangle

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



32.7408, 0.3537, 0.4153



32.7408, 0.2769, 0.3798



32.7408, 0.2681, 0.2537



32.7408, 0.3455, 0.2849

Sweetspot

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



32.7423, 0.3537, 0.4153



62.3657, 0.3248, 0.3536



20.3575, 0.3867, 0.3426



13.6386, 0.3264, 0.3569



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.



32.7423, 0.3537, 0.4153



58.7040, 0.3619, 0.4340



30.4649, 0.3262, 0.4235



7.6655, 0.3237, 0.3513



23.5403, 0.3913, 0.5275



0.4342, 0.4033, 0.5180

Inverse Universe

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



16.2149, 0.2620, 0.2317



24.2161, 0.2486, 0.2074



18.2796, 0.2930, 0.2398



6.4847, 0.3012, 0.3061



2.1632, 0.1583, 0.0645



0.0515, 0.1876, 0.0807

Previews

White Background



This preview shows how the Yxy color 32.7408, 0.3537, 0.4153 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 32.7408, 0.3537, 0.4153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

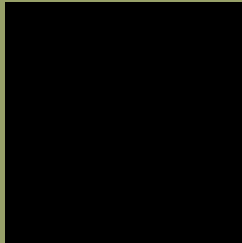
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

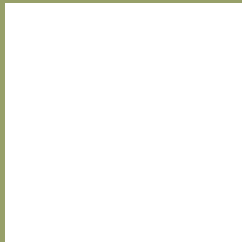
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.7408, 0.3537, 0.4153

Background



This preview shows how black text looks on a background with the Yxy color 32.7408, 0.3537, 0.4153.



This preview shows how white text looks on a background with the Yxy color 32.7408, 0.3537, 0.4153.

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

32.7408, 0.3537, 0.4153

Protanopia

32.7468, 0.3761, 0.4062

Deuteranopia

32.5768, 0.3937, 0.3851



Tritanopia

32.8700, 0.3076, 0.3113

Trichromacy



Original Color

32.7408, 0.3537, 0.4153

Protanomaly

32.7948, 0.3676, 0.4093

Deuteranomaly

32.4022, 0.3793, 0.3949

Tritanomaly

32.8280, 0.3247, 0.3489

Monochromacy



Original Color

32.7408, 0.3537, 0.4153

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.4117, 0.3284, 0.3605

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7408, 0.3537, 0.4153 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(151, 160, 105)` looks like.

```
.text, #text, p{  
    color:rgb(151, 160, 105)  
}
```

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(151, 160, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 160, 105) }
```

Border

The CSS property to change the border of an element to Yxy 32.7408, 0.3537, 0.4153 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(151, 160, 105) }
```

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

```
.border{ border-color:rgb(151, 160, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 160, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 160, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 160, 105);  
box-shadow:4px 4px 4px 4px rgb(151, 160,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7408, 0.3537, 0.4153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 160, 105) }
```

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

```
.background{ background-color: rgb(151,  
160, 105) }
```

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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