

Converting Colors

$Yxy(33.3702, 0.3371, 0.3701)$

Have a look what the booklet for
Yxy(33.3702, 0.3371, 0.3701)
contains.

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Color

Yxy(33.3615, 0.3377, 0.3703)

Conversions

Conversions Part 1

Format	Color
Hex	9E9E83
RGB	158, 158, 131
RGB Percent	62%, 62%, 51%
CMY	0.3804, 0.3804, 0.4863
CMYK	0.00, 0.00, 0.17, 0.38
HSL	60°, 12%, 57%
HSV	60°, 17%, 62%
XYZ	30.4245, 33.3615, 26.3072
YIQ	154.9220, 8.6670, -8.3970

Conversions

Conversions Part 2

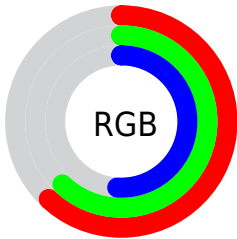
Format	Color
RYB	131, 158, 131
Decimal	10395267
CIELab	64.45, -4.75, 14.14
CIELCh	64, 14.920, 108.555
Yxy	33.3615, 0.3377, 0.3703
Android (android.graphics.Color)	4288585347 (0xFF9E9E83)
YUV	154.9220, -11.7935, 2.6994
Hunter-Lab	57.7594, -7.0551, 13.4273

Details

The Yxy color **33.3615, 0.3377, 0.3703** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.5260, 0.2855, 0.2841**, and the grayscale version is **32.7931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1953, 0.3330, 0.3625**, and **14.1888, 0.3442, 0.3839** is the 20% darker color. If you saturate the color by 10%, you get **32.9665, 0.3525, 0.3948**, and if you desaturate by 10%, it is **33.8248, 0.3229, 0.3459**.

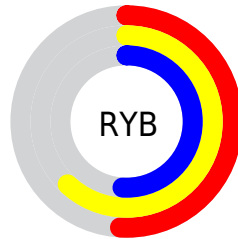
Distribution



Red (62%)

Green (62%)

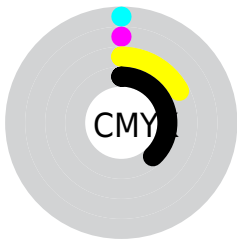
Blue (51%)



Red (51%)

Yellow (62%)

Blue (51%)

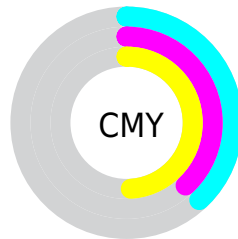


Cyan (0%)

Magenta (0%)

Yellow (17%)

Black (38%)



Cyan (38%)

Magenta (38%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.3615, 0.3377, 0.3703 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 33.3615, 0.3377, 0.3703 by changing the saturation by 10% instead.

■ 33.3615, 0.3377,
0.3703

■ 33.3615, 0.3377,
0.3703

317.2755, 0.3247,
0.3483

■ 22.4035, 0.3411,
0.3763

■ 64.9395, 0.3328,
0.3620

■ 14.1537, 0.3456,
0.3843

■ 86.3283, 0.3310,
0.3589

■ 8.2276, 0.3518,
0.3954

■ 111.9629, 0.3295,
0.3564

■ 4.2410, 0.3606,
0.4121

142.2276, 0.3283,
0.3543

■ 1.8092, 0.3753,
0.4410

177.5068, 0.3272,
0.3525

■ 0.4929, 0.4170,
0.5830

218.1849, 0.3262,

■ 0.0000, 0.0000,

0.3509

0.0000

264.6464, 0.3254,
0.3495

■ 33.3615, 0.3377,
0.3703

■ 33.3615, 0.3377,
0.3703

■ 32.9665, 0.3525,
0.3948

■ 33.8248, 0.3229,
0.3459

■ 32.6324, 0.3670,
0.4188

■ 34.3547, 0.3086,
0.3222

■ 32.3576, 0.3805,
0.4411

■ 34.9553, 0.2950,
0.2997

■ 32.1385, 0.3926,
0.4611

■ 35.6291, 0.2823,
0.2787

■ 31.9713, 0.4027,
0.4778

■ 36.3784, 0.2705,
0.2592

■ 31.8518, 0.4104,
0.4906

■ 37.2055, 0.2597,
0.2414

■ 31.7749, 0.4157,
0.4992

■ 38.1125, 0.2499,
0.2252

■ 31.7329, 0.4186,
0.5041

■ 38.9459, 0.2424,
0.2127

■ 31.7228, 0.4193,
0.5053

■ 38.9461, 0.2424,
0.2127

Harmonies

Analogous

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



33.3615, 0.3540, 0.3630



33.3615, 0.3377, 0.3703



33.3615, 0.3151, 0.3658

Triad

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



33.3615, 0.3377, 0.3703



33.3615, 0.2685, 0.3081



33.3615, 0.3325, 0.3090

Complementary

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



33.3615, 0.3377, 0.3703



23.5260, 0.2855, 0.2841

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.



33.3615, 0.3090, 0.2955



33.3615, 0.3377, 0.3703



33.3615, 0.2727, 0.2944

Square

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



33.3615, 0.3377, 0.3703



33.3615, 0.2756, 0.3286



33.3615, 0.2872, 0.2901



33.3615, 0.3511, 0.3276

Rectangle

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



33.3615, 0.3377, 0.3703



33.3615, 0.2996, 0.3564



33.3615, 0.2872, 0.2901



33.3615, 0.3248, 0.3038

Sweetspot

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



33.3630, 0.3377, 0.3703



61.6041, 0.3200, 0.3411



25.1523, 0.3439, 0.3284



13.8748, 0.3210, 0.3427



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.



33.3630, 0.3377, 0.3703



60.2584, 0.3441, 0.3809



32.1091, 0.3244, 0.3721



7.7203, 0.3261, 0.3511



25.4052, 0.4193, 0.5053



0.4543, 0.4193, 0.5053

Inverse Universe

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



23.5260, 0.2855, 0.2841



38.5449, 0.2778, 0.2712



24.6345, 0.2994, 0.2859



6.4353, 0.2987, 0.3059



1.9772, 0.1500, 0.0600



0.0354, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 33.3615, 0.3377, 0.3703 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 33.3615, 0.3377, 0.3703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

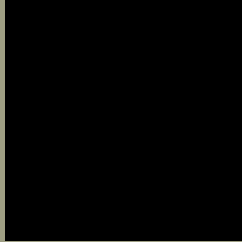
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

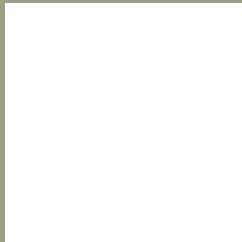
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.3615, 0.3377, 0.3703

Background



This preview shows how black text looks on a background with the Yxy color 33.3615, 0.3377, 0.3703.



This preview shows how white text looks on a background with the Yxy color 33.3615, 0.3377, 0.3703.

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

33.3615, 0.3377, 0.3703

Protanopia

33.3880, 0.3465, 0.3680

Deuteranopia

33.2094, 0.3614, 0.3534



Tritanopia

33.2856, 0.3116, 0.3115

Trichromacy



Original Color

33.3615, 0.3377, 0.3703

Protanomaly

33.4070, 0.3430, 0.3698

Deuteranomaly

33.2191, 0.3528, 0.3599

Tritanomaly

33.3197, 0.3205, 0.3320

Monochromacy



Original Color

33.3615, 0.3377, 0.3703

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.9202, 0.3219, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3615, 0.3377, 0.3703 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(158, 158, 131)` looks like.

```
.text, #text, p{  
    color:rgb(158, 158, 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(158, 158, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 158, 131) }
```

Border

The CSS property to change the border of an element to Yxy 33.3615, 0.3377, 0.3703 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(158, 158, 131) }
```

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

```
.border{ border-color:rgb(158, 158, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 158, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 158, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 158, 131);  
box-shadow:4px 4px 4px 4px rgb(158, 158,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3615, 0.3377, 0.3703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 158, 131) }
```

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

```
.background{ background-color: rgb(158,  
158, 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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