

Converting Colors

$Yxy(33.5540, 0.3157, 0.3736)$

Have a look what the booklet for
Yxy(33.5540, 0.3157, 0.3736)
contains.

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Color

Yxy(33.5191, 0.3153, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	8CA387
RGB	140, 163, 135
RGB Percent	55%, 64%, 53%
CMY	0.4511, 0.3607, 0.4706
CMYK	0.14, 0.00, 0.17, 0.36
HSL	109°, 13%, 58%
HSV	109°, 17%, 64%
XYZ	28.2809, 33.5191, 27.8952
YIQ	152.9310, -4.7200, -13.5840

Conversions

Conversions Part 2

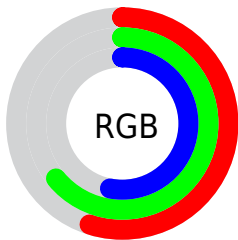
Format	Color
RYB	135, 163, 158
Decimal	9216903
CIELab	64.58, -13.52, 11.91
CIELCh	65, 18.016, 138.638
Yxy	33.5191, 0.3153, 0.3737
Android (android.graphics.Color)	4287406983 (0xFF8CA387)
YUV	152.9310, -8.8400, -11.3405
Hunter-Lab	57.8957, -14.1237, 11.9600

Details

The Yxy color **33.5191, 0.3153, 0.3737** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **27.2407, 0.3093, 0.2868**, and the grayscale version is **31.8624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2430, 0.3154, 0.3648**, and **14.1984, 0.3165, 0.3894** is the 20% darker color. If you saturate the color by 10%, you get **32.0021, 0.3165, 0.4035**, and if you desaturate by 10%, it is **35.2511, 0.3139, 0.3467**.

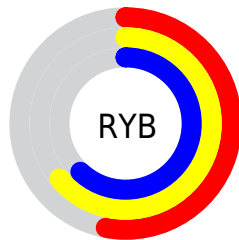
Distribution



Red (55%)

Green (64%)

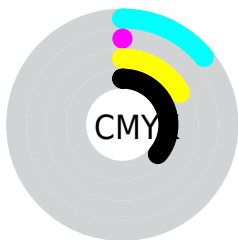
Blue (53%)



Red (53%)

Yellow (64%)

Blue (62%)

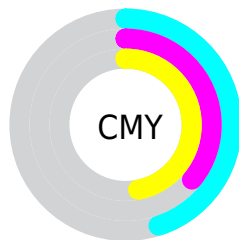


Cyan (14%)

Magenta (0%)

Yellow (17%)

Black (36%)



Cyan (45%)


Magenta (36%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.5191, 0.3153, 0.3737 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 33.5191, 0.3153, 0.3737 by changing the saturation by 10% instead.


 33.5191, 0.3153,
0.3737


 33.5191, 0.3153,
0.3737


317.9824, 0.3142,
0.3495


 22.5244, 0.3155,
0.3804


 65.1851, 0.3150,
0.3644

 14.2427, 0.3156,
0.3895


 86.6253, 0.3148,
0.3611

 8.2897, 0.3156,
0.4024


 112.3160, 0.3147,
0.3584

 4.2809, 0.3152,
0.4221

142.6417, 0.3146,
0.3560

 1.8319, 0.3134,
0.4562

177.9868, 0.3145,
0.3541

 0.5069, 0.2304,
0.7696

218.7357, 0.3144,

 0.0000, 0.0000,

0.3523

0.0000

265.2727, 0.3143,
0.3509

■ 33.5191, 0.3153,
0.3737

■ 33.5191, 0.3153,
0.3737

■ 32.0021, 0.3165,
0.4035

■ 35.2511, 0.3139,
0.3467

■ 30.6875, 0.3172,
0.4356

■ 37.2016, 0.3123,
0.3225

■ 29.5679, 0.3174,
0.4689


■ 39.3793, 0.3106,
0.3012

■ 28.6339, 0.3168,
0.5020

■ 41.7915, 0.3089,
0.2826

■ 27.8752, 0.3154,
0.5329


■ 44.4448, 0.3073,
0.2663

 27.2804, 0.3131,
0.5593


 47.3456, 0.3057,
0.2521


 26.8370, 0.3101,
0.5792

 50.5002, 0.3042,
0.2397

 26.5281, 0.3068,
0.5922

 53.2269, 0.3106,
0.2376

 26.4599, 0.3061,
0.5952

 54.6788, 0.3169,
0.2394

Harmonies

Analogous

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



33.5191, 0.3426, 0.3790



33.5191, 0.3153, 0.3737



33.5191, 0.2882, 0.3546

Triad

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



33.5191, 0.3153, 0.3737



33.5191, 0.2648, 0.2873



33.5191, 0.3591, 0.3272

Complementary

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



33.5191, 0.3153, 0.3737



27.2407, 0.3093, 0.2868

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.



33.5191, 0.3365, 0.3051



33.5191, 0.3153, 0.3737



33.5191, 0.2821, 0.2825

Square

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



33.5191, 0.3153, 0.3737



33.5191, 0.2598, 0.3035



33.5191, 0.3081, 0.2891



33.5191, 0.3687, 0.3506

Rectangle

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



33.5191, 0.3153, 0.3737



33.5191, 0.2737, 0.3372



33.5191, 0.3081, 0.2891



33.5191, 0.3527, 0.3194

Sweetspot

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



33.5205, 0.3153, 0.3737



63.8218, 0.3135, 0.3413



33.9475, 0.3391, 0.3633



14.2836, 0.3136, 0.3430



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.



33.5205, 0.3153, 0.3737



58.8362, 0.3158, 0.3859



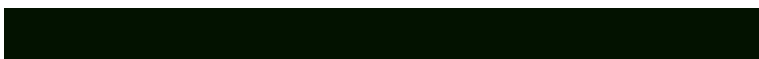
33.3579, 0.3031, 0.3596



7.9528, 0.3142, 0.3520



20.5756, 0.3065, 0.5949



0.4483, 0.3272, 0.5784

Inverse Universe

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



27.2407, 0.3093, 0.2868



45.2493, 0.3083, 0.2761



27.4495, 0.3239, 0.3002



7.1382, 0.3110, 0.3067



6.0125, 0.2771, 0.1300



0.1420, 0.2941, 0.1394

Previews

White Background



This preview shows how the Yxy color 33.5191, 0.3153, 0.3737 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 33.5191, 0.3153, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

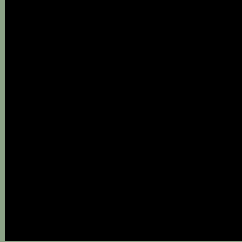
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5191, 0.3153, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 33.5191, 0.3153, 0.3737.



This preview shows how white text looks on a background with the Yxy color 33.5191, 0.3153, 0.3737.

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

33.5191, 0.3153, 0.3737

Protanopia

33.4150, 0.3455, 0.3665

Deuteranopia

33.4332, 0.3538, 0.3477



Tritanopia

33.5050, 0.2903, 0.3094

Trichromacy



Original Color

33.5191, 0.3153, 0.3737

Protanomaly

33.5301, 0.3345, 0.3705

Deuteranomaly

33.1413, 0.3389, 0.3560

Tritanomaly

33.5395, 0.2994, 0.3320

Monochromacy



Original Color

33.5191, 0.3153, 0.3737

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.4852, 0.3139, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5191, 0.3153, 0.3737 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(140, 163, 135)` looks like.

```
.text, #text, p{  
    color:rgb(140, 163, 135)  
}
```

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(140, 163, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 163, 135) }
```

Border

The CSS property to change the border of an element to Yxy 33.5191, 0.3153, 0.3737 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(140, 163, 135) }
```

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

```
.border{ border-color:rgb(140, 163, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 163, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 163, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 163, 135);  
box-shadow:4px 4px 4px 4px rgb(140, 163,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5191, 0.3153, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 163, 135) }
```

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

```
.background{ background-color: rgb(140,  
163, 135) }
```

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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