

Converting Colors

$Yxy(33.3019, 0.3189, 0.3406)$

Have a look what the booklet for
Yxy(33.3019, 0.3189, 0.3406)
contains.

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Color

Yxy(33.3518, 0.3190, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	9C9D95
RGB	156, 157, 149
RGB Percent	61%, 62%, 58%
CMY	0.3883, 0.3843, 0.4156
CMYK	0.01, 0.00, 0.05, 0.38
HSL	68°, 4%, 60%
HSV	68°, 5%, 62%
XYZ	31.1909, 33.3518, 33.2345
YIQ	155.7890, 1.9720, -2.7000

Conversions

Conversions Part 2

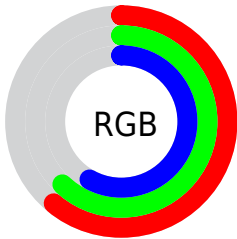
Format	Color
RYB	149, 157, 150
Decimal	10263957
CIELab	64.44, -1.87, 4.04
CIELCh	64, 4.448, 114.802
Yxy	33.3518, 0.3190, 0.3411
Android (android.graphics.Color)	4288454037 (0xFF9C9D95)
YUV	155.7890, -3.3470, 0.1850
Hunter-Lab	57.7510, -4.6577, 6.3056

Details

The Yxy color **33.3518, 0.3190, 0.3411** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4230, 0.3063, 0.3167**, and the grayscale version is **33.1615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1004, 0.3174, 0.3393**, and **14.1932, 0.3217, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **32.6863, 0.3316, 0.3657**, and if you desaturate by 10%, it is **34.0911, 0.3068, 0.3177**.

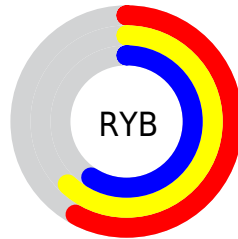
Distribution



Red (61%)

Green (62%)

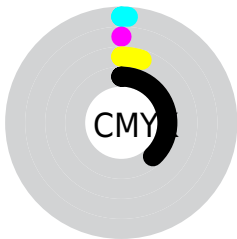
Blue (58%)



Red (58%)

Yellow (62%)

Blue (59%)

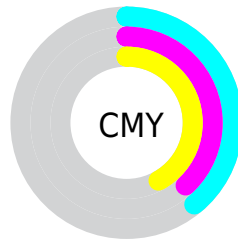


Cyan (1%)

Magenta (0%)

Yellow (5%)

Black (38%)



Cyan (39%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.3518, 0.3190, 0.3411 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 33.3518, 0.3190, 0.3411 by changing the saturation by 10% instead.

■ 33.3518, 0.3190,
0.3411

■ 33.3518, 0.3190,
0.3411

317.2320, 0.3157,
0.3347

■ 22.3961, 0.3199,
0.3428

■ 64.9244, 0.3178,
0.3387

■ 14.1482, 0.3211,
0.3451

■ 86.3100, 0.3173,
0.3378

■ 8.2238, 0.3227,
0.3484

111.9411, 0.3169,
0.3371

■ 4.2385, 0.3251,
0.3533

142.2021, 0.3166,
0.3364

■ 1.8079, 0.3291,
0.3614

177.4772, 0.3163,
0.3359

■ 0.4921, 0.3615,
0.4214

218.1510, 0.3161,

■ 0.0000, 0.0000,

0.3355

0.0000

264.6078, 0.3159,
0.3350

■ 33.3518, 0.3190,
0.3411

■ 33.3518, 0.3190,
0.3411

■ 32.6863, 0.3316,
0.3657

■ 34.0911, 0.3068,
0.3177

■ 32.0876, 0.3442,
0.3910

■ 34.9024, 0.2951,
0.2957

■ 31.5543, 0.3565,
0.4163

■ 35.7897, 0.2842,
0.2753

■ 31.0832, 0.3680,
0.4408

■ 36.7551, 0.2740,
0.2567

■ 30.6710, 0.3781,
0.4635

■ 37.8009, 0.2646,
0.2397

■ 30.3140, 0.3864,
0.4834

■ 38.9293, 0.2561,
0.2244

■ 30.0080, 0.3925,
0.4997

■ 39.8870, 0.2505,
0.2140

■ 29.7484, 0.3960,
0.5118

■ 40.1126, 0.2519,
0.2144

■ 29.5290, 0.3971,
0.5196

■ 40.3416, 0.2533,
0.2148

Harmonies

Analogous

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



33.3518, 0.3242, 0.3400



33.3518, 0.3190, 0.3411



33.3518, 0.3121, 0.3389

Triad

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



33.3518, 0.3190, 0.3411



33.3518, 0.2993, 0.3219



33.3518, 0.3200, 0.3241

Complementary

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



33.3518, 0.3190, 0.3411



30.4230, 0.3063, 0.3167

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.



33.3518, 0.3132, 0.3194



33.3518, 0.3190, 0.3411



33.3518, 0.3013, 0.3181

Square

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



33.3518, 0.3190, 0.3411



33.3518, 0.3008, 0.3278



33.3518, 0.3064, 0.3172



33.3518, 0.3248, 0.3301

Rectangle

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



33.3518, 0.3190, 0.3411



33.3518, 0.3075, 0.3359



33.3518, 0.3064, 0.3172



33.3518, 0.3179, 0.3223

Sweetspot

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



33.3532, 0.3190, 0.3411



60.1159, 0.3152, 0.3338



31.1361, 0.3208, 0.3304



13.2316, 0.3151, 0.3335



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.3532, 0.3190, 0.3411



59.5981, 0.3203, 0.3436



32.9700, 0.3151, 0.3412



7.7213, 0.3207, 0.3445



23.9101, 0.3974, 0.5226



0.4384, 0.4068, 0.5152

Inverse Universe

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



30.4230, 0.3063, 0.3167



53.3339, 0.3049, 0.3141



30.7998, 0.3102, 0.3168



6.8632, 0.3044, 0.3132



2.1083, 0.1559, 0.0632



0.0480, 0.1799, 0.0765

Previews

White Background



This preview shows how the Yxy color 33.3518, 0.3190, 0.3411 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 33.3518, 0.3190, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

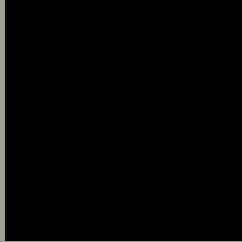
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

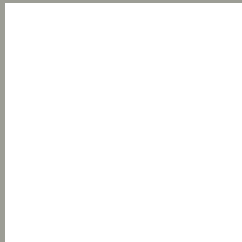
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.3518, 0.3190, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 33.3518, 0.3190, 0.3411.



This preview shows how white text looks on a background with the Yxy color 33.3518, 0.3190, 0.3411.

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

33.3518, 0.3190, 0.3411

Protanopia

33.4921, 0.3251, 0.3410

Deuteranopia

33.2195, 0.3363, 0.3305



Tritanopia

33.2722, 0.3058, 0.3099

Trichromacy



Original Color

33.3518, 0.3190, 0.3411

Protanomaly

33.2860, 0.3231, 0.3411

Deuteranomaly

33.2000, 0.3298, 0.3335

Tritanomaly

33.2499, 0.3111, 0.3216

Monochromacy



Original Color

33.3518, 0.3190, 0.3411

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.1448, 0.3155, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3518, 0.3190, 0.3411 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, 157, 149)` looks like.

```
.text, #text, p{  
    color:rgb(156, 157, 149)  
}
```

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, 157, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 157, 149) }
```

Border

The CSS property to change the border of an element to Yxy 33.3518, 0.3190, 0.3411 is called "border". The border property can be set on classes, ids or directly on the HTML element.

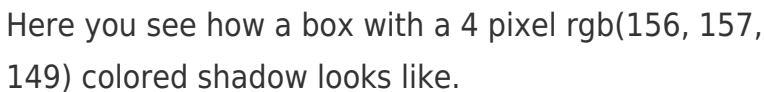
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 157, 149) }
```

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

```
.border{ border-color:rgb(156, 157, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 157, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 157, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 157, 149); box-shadow:4px 4px 4px 4px rgb(156, 157, 149) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3518, 0.3190, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 157, 149) }
```

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

```
.background{ background-color: rgb(156,  
157, 149) }
```

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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