

Converting Colors

$Yxy(33.5918, 0.3215, 0.3665)$

Have a look what the booklet for
Yxy(33.5918, 0.3215, 0.3665)
contains.

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Color

Yxy(33.5918, 0.3215, 0.3665)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 94A189 |
| RGB | 148, 161, 137 |
| RGB Percent | 58%, 63%, 54% |
| CMY | 0.4198, 0.3686, 0.4628 |
| CMYK | 0.08, 0.00, 0.15, 0.37 |
| HSL | 93°, 11%, 58% |
| HSV | 93°, 15%, 63% |
| XYZ | 29.4673, 33.5918, 28.5966 |
| YIQ | 154.3770, -0.0440, -10.2200 |

Conversions

Conversions Part 2

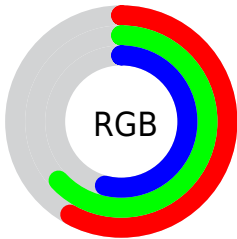
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 137, 161, 150 |
| Decimal | 9740681 |
| CIELab | 64.64, -9.17, 10.95 |
| CIELCh | 65, 14.282, 129.942 |
| Yxy | 33.5918, 0.3215, 0.3665 |
| Android (android.graphics.Color) | 4287930761 (0xFF94A189) |
| YUV | 154.3770, -8.5669, -5.5926 |
| Hunter-Lab | 57.9584, -10.6741, 11.3173 |

Details

The Yxy color **33.5918, 0.3215, 0.3665** is a light color, and the websafe version is hex **999999**. A complement of this color would be **26.9537, 0.3028, 0.2918**, and the grayscale version is **32.5255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.3860, 0.3201, 0.3595**, and **14.1668, 0.3240, 0.3788** is the 20% darker color. If you saturate the color by 10%, you get **32.3798, 0.3272, 0.3942**, and if you desaturate by 10%, it is **34.9374, 0.3156, 0.3408**.

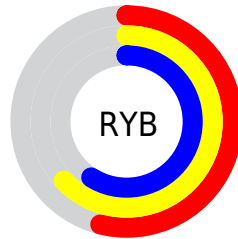
Distribution



Red (58%)

Green (63%)

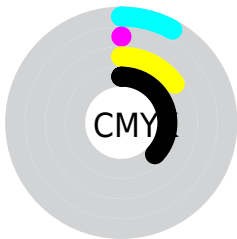
Blue (54%)



Red (54%)

Yellow (63%)

Blue (59%)

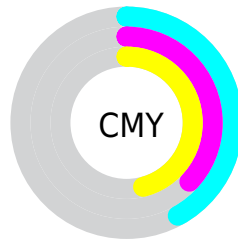


Cyan (8%)

Magenta (0%)

Yellow (15%)

Black (37%)



Cyan (42%)


Magenta (37%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5918, 0.3215, 0.3665 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 33.5918, 0.3215, 0.3665 by changing the saturation by 10% instead.


 33.5918, 0.3215,
0.3665


 33.5918, 0.3215,
0.3665


318.3080, 0.3171,
0.3464

 22.5802, 0.3226,
0.3720


 65.2984, 0.3199,
0.3588

 14.2838, 0.3240,
0.3795


 86.7621, 0.3193,
0.3561

 8.3183, 0.3259,
0.3900


 112.4787, 0.3188,
0.3538

 4.2993, 0.3284,
0.4060

142.8326, 0.3183,
0.3518

 1.8424, 0.3318,
0.4332

178.2080, 0.3179,
0.3502

 0.5134, 0.3397,
0.6603

218.9895, 0.3176,

 0.0000, 0.0000,

0.3487

0.0000

265.5614, 0.3173,
0.3475

■ 33.5918, 0.3215,
0.3665

■ 33.5918, 0.3215,
0.3665

■ 32.3798, 0.3272,
0.3942

■ 34.9374, 0.3156,
0.3408

■ 31.2926, 0.3323,
0.4234

■ 36.4165, 0.3097,
0.3174

■ 30.3270, 0.3367,
0.4533


■ 38.0343, 0.3040,
0.2962

■ 29.4780, 0.3397,
0.4829

■ 39.7948, 0.2985,
0.2772

■ 28.7402, 0.3412,
0.5106


■ 41.7015, 0.2933,
0.2602

 28.1076, 0.3408,
0.5350


 43.7580, 0.2884,
0.2451

 27.5736, 0.3383,
0.5547

 45.9676, 0.2839,
0.2317

 27.1300, 0.3340,
0.5689

 47.6176, 0.2871,
0.2290

 26.9306, 0.3316,
0.5749

 49.0027, 0.2941,
0.2310

Harmonies

Analogous

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



33.5918, 0.3419, 0.3675



33.5918, 0.3215, 0.3665



33.5918, 0.2993, 0.3543

Triad

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



33.5918, 0.3215, 0.3665



33.5918, 0.2722, 0.2988



33.5918, 0.3451, 0.3223

Complementary

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



33.5918, 0.3215, 0.3665



26.9537, 0.3028, 0.2918

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.



33.5918, 0.3254, 0.3055



33.5918, 0.3215, 0.3665



33.5918, 0.2835, 0.2920

Square

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



33.5918, 0.3215, 0.3665



33.5918, 0.2713, 0.3142



33.5918, 0.3027, 0.2946



33.5918, 0.3560, 0.3412

Rectangle

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



33.5918, 0.3215, 0.3665



33.5918, 0.2864, 0.3417



33.5918, 0.3027, 0.2946



33.5918, 0.3392, 0.3163

Sweetspot

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



33.5933, 0.3215, 0.3665



62.7704, 0.3151, 0.3388



31.1360, 0.3369, 0.3486



13.7265, 0.3155, 0.3405



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.



33.5933, 0.3215, 0.3665



59.3808, 0.3235, 0.3758



32.6424, 0.3102, 0.3664



8.0460, 0.3182, 0.3518



21.5280, 0.3322, 0.5745



0.4803, 0.3621, 0.5507

Inverse Universe

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



26.9537, 0.3028, 0.2918



45.1053, 0.3001, 0.2827



28.0151, 0.3152, 0.2943



7.0407, 0.3068, 0.3064



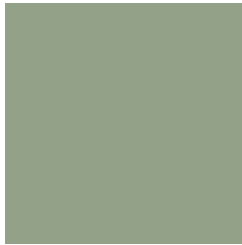
3.7179, 0.2129, 0.0946



0.1058, 0.2523, 0.1163

Previews

White Background



This preview shows how the Yxy color 33.5918, 0.3215, 0.3665 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 33.5918, 0.3215, 0.3665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

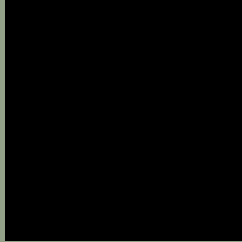
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

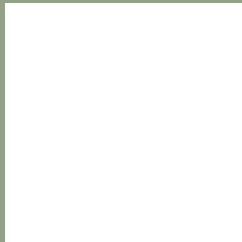
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.5918, 0.3215, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 33.5918, 0.3215, 0.3665.



This preview shows how white text looks on a background with the Yxy color 33.5918, 0.3215, 0.3665.

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

33.5918, 0.3215, 0.3665

Protanopia

33.4187, 0.3406, 0.3605

Deuteranopia

33.4623, 0.3527, 0.3463



Tritanopia

33.7508, 0.2983, 0.3112

Trichromacy



Original Color

33.5918, 0.3215, 0.3665

Protanomaly

33.5004, 0.3330, 0.3625

Deuteranomaly

33.4932, 0.3410, 0.3542

Tritanomaly

33.4674, 0.3069, 0.3305

Monochromacy



Original Color

33.5918, 0.3215, 0.3665

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.9275, 0.3160, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5918, 0.3215, 0.3665 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(148, 161, 137)` looks like.

```
.text, #text, p{  
    color:rgb(148, 161, 137)  
}
```

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(148, 161, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 161, 137) }
```

Border

The CSS property to change the border of an element to Yxy 33.5918, 0.3215, 0.3665 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(148, 161, 137) }
```

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

```
.border{ border-color:rgb(148, 161, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 161, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 161, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 161, 137);  
box-shadow:4px 4px 4px 4px rgb(148, 161,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5918, 0.3215, 0.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 161, 137) }
```

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

```
.background{ background-color: rgb(148,  
161, 137) }
```

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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