

Converting Colors

$Yxy(35.4480, 0.3186, 0.3697)$

Have a look what the booklet for
Yxy(35.4480, 0.3186, 0.3697)
contains.

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Color

Yxy(35.4618, 0.3183, 0.3691)

Conversions

Conversions Part 1

Format	Color
Hex	94A68C
RGB	148, 166, 140
RGB Percent	58%, 65%, 55%
CMY	0.4196, 0.3490, 0.4511
CMYK	0.11, 0.00, 0.16, 0.35
HSL	101°, 13%, 60%
HSV	101°, 16%, 65%
XYZ	30.5811, 35.4618, 30.0335
YIQ	157.6540, -2.3820, -11.9020

Conversions

Conversions Part 2

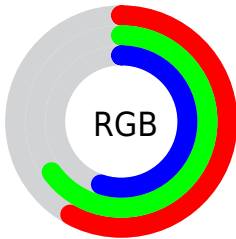
Format	Color
RYB	140, 166, 158
Decimal	9741964
CIELab	66.11, -11.29, 11.37
CIELCh	66, 16.026, 134.794
Yxy	35.4618, 0.3183, 0.3691
Android (android.graphics.Color)	4287932044 (0xFF94A68C)
YUV	157.6540, -8.7034, -8.4666
Hunter-Lab	59.5498, -12.5456, 11.7824

Details

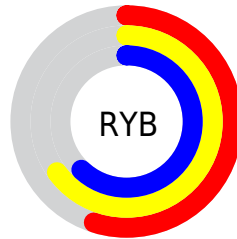
The Yxy color **35.4618, 0.3183, 0.3691** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.7689, 0.3061, 0.2901**, and the grayscale version is **34.0681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1645, 0.3169, 0.3604**, and **15.3142, 0.3193, 0.3823** is the 20% darker color. If you saturate the color by 10%, you get **33.9919, 0.3216, 0.3978**, and if you desaturate by 10%, it is **37.1148, 0.3148, 0.3428**.

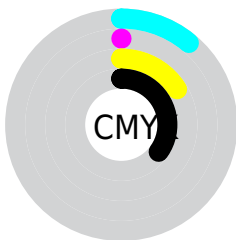
Distribution



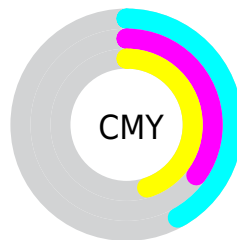
- Red (58%)
- Green (65%)
- Blue (55%)



- Red (55%)
- Yellow (65%)
- Blue (62%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (35%)



- Cyan (42%)
- Magenta (35%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4618, 0.3183, 0.3691 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 35.4618, 0.3183, 0.3691 by changing the saturation by 10% instead.

 35.4618, 0.3183,
0.3691


 35.4618, 0.3183,
0.3691


326.6020, 0.3156,
0.3477


 24.0188, 0.3189,
0.3749


 68.2006, 0.3174,
0.3610

 15.3476, 0.3197,
0.3828


 90.2651, 0.3170,
0.3580

 9.0637, 0.3206,
0.3938


 116.6390, 0.3167,
0.3556

 4.7827, 0.3217,
0.4103

147.7066, 0.3164,
0.3535

 2.1204, 0.3226,
0.4381

183.8523, 0.3162,
0.3517

 0.6760, 0.3518,
0.6482

225.4605, 0.3160,

 0.0000, 0.0000,

0.3502

0.0000

272.9156, 0.3158,
0.3489

■ 35.4618, 0.3183,
0.3691

■ 35.4618, 0.3183,
0.3691

■ 33.9919, 0.3216,
0.3978

■ 37.1148, 0.3148,
0.3428

■ 32.6942, 0.3243,
0.4285

■ 38.9524, 0.3111,
0.3191

■ 31.5635, 0.3263,
0.4604

■ 40.9820, 0.3075,
0.2979


■ 30.5925, 0.3273,
0.4920


■ 43.2088, 0.3040,
0.2792


■ 29.7733, 0.3269,
0.5218


■ 45.6384, 0.3007,
0.2627


 29.0974, 0.3250,
0.5479


 48.2756, 0.2976,
0.2482


 28.5553, 0.3217,
0.5685

 51.0494, 0.2954,
0.2364

 28.1354, 0.3172,
0.5827

 52.9941, 0.3046,
0.2389

 27.9834, 0.3153,
0.5878

 55.0659, 0.3138,
0.2414

Harmonies

Analogous

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



35.4618, 0.3416, 0.3722



35.4618, 0.3183, 0.3691



35.4618, 0.2941, 0.3539

Triad

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



35.4618, 0.3183, 0.3691



35.4618, 0.2695, 0.2939



35.4618, 0.3512, 0.3249

Complementary

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



35.4618, 0.3183, 0.3691



28.7689, 0.3061, 0.2901

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.



35.4618, 0.3305, 0.3059



35.4618, 0.3183, 0.3691



35.4618, 0.2835, 0.2881

Square

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



35.4618, 0.3183, 0.3691



35.4618, 0.2666, 0.3094



35.4618, 0.3056, 0.2926



35.4618, 0.3612, 0.3456

Rectangle

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



35.4618, 0.3183, 0.3691



35.4618, 0.2807, 0.3393



35.4618, 0.3056, 0.2926



35.4618, 0.3452, 0.3181

Sweetspot

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



35.4633, 0.3183, 0.3691



67.5414, 0.3146, 0.3413



34.3731, 0.3375, 0.3553



15.0665, 0.3148, 0.3430



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



35.4633, 0.3183, 0.3691



63.3397, 0.3195, 0.3794



34.8843, 0.3068, 0.3623



8.5158, 0.3161, 0.3520



21.7202, 0.3159, 0.5873



0.5551, 0.3427, 0.5661

Inverse Universe

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



28.7689, 0.3061, 0.2901



48.7226, 0.3043, 0.2806



29.4377, 0.3193, 0.2978



7.5488, 0.3090, 0.3064



4.9768, 0.2455, 0.1126



0.1462, 0.2716, 0.1270

Previews

White Background



This preview shows how the Yxy color 35.4618, 0.3183, 0.3691 looks on a white background.

Color Contrast Check

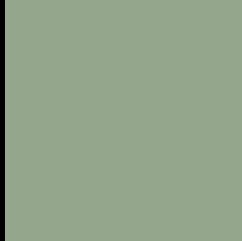
Large Text (above 18pt) WCAG AA × Fail

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 35.4618, 0.3183, 0.3691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

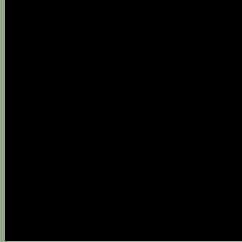
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

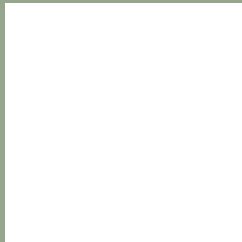
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.4618, 0.3183, 0.3691

Background



This preview shows how black text looks on a background with the Yxy color 35.4618, 0.3183, 0.3691.



This preview shows how white text looks on a background with the Yxy color 35.4618, 0.3183, 0.3691.

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

35.4618, 0.3183, 0.3691

Protanopia

35.3828, 0.3428, 0.3627

Deuteranopia

35.3408, 0.3528, 0.3473



Tritanopia

35.3180, 0.2942, 0.3100

Trichromacy



Original Color

35.4618, 0.3183, 0.3691

Protanomaly

35.2527, 0.3334, 0.3649

Deuteranomaly

35.2654, 0.3403, 0.3552

Tritanomaly

35.3823, 0.3024, 0.3305

Monochromacy



Original Color

35.4618, 0.3183, 0.3691

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.5941, 0.3149, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4618, 0.3183, 0.3691 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, 166, 140)` looks like.

```
.text, #text, p{  
    color:rgb(148, 166, 140)  
}
```

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, 166, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 166, 140) }
```

Border

The CSS property to change the border of an element to Yxy 35.4618, 0.3183, 0.3691 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, 166, 140) }
```

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

```
.border{ border-color:rgb(148, 166, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 166, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 166, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 166, 140);  
box-shadow:4px 4px 4px 4px rgb(148, 166,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4618, 0.3183, 0.3691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 166, 140) }
```

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

```
.background{ background-color: rgb(148,  
166, 140) }
```

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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