

Converting Colors

$Yxy(36.8684, 0.3009, 0.3516)$

Have a look what the booklet for
Yxy(36.8684, 0.3009, 0.3516)
contains.

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Color

Yxy(36.9556, 0.3010, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	8FAA9B
RGB	143, 170, 155
RGB Percent	56%, 67%, 61%
CMY	0.4392, 0.3333, 0.3922
CMYK	0.16, 0.00, 0.09, 0.33
HSL	147°, 14%, 61%
HSV	147°, 16%, 67%
XYZ	31.6192, 36.9556, 36.4724
YIQ	160.2170, -11.2770, -10.3890

Conversions

Conversions Part 2

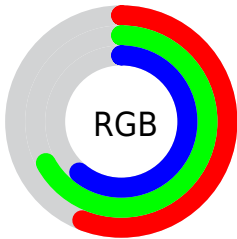
Format	Color
RYB	143, 162, 170
Decimal	9415323
CIELab	67.24, -12.36, 4.62
CIELCh	67, 13.196, 159.483
Yxy	36.9556, 0.3010, 0.3518
Android (android.graphics.Color)	4287605403 (0xFF8FAA9B)
YUV	160.2170, -2.5720, -15.0993
Hunter-Lab	60.7911, -13.5415, 6.9820

Details

The Yxy color **36.9556, 0.3010, 0.3518** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.6636, 0.3264, 0.3073**, and the grayscale version is **35.2763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3242, 0.3036, 0.3474**, and **16.2317, 0.2966, 0.3595** is the 20% darker color. If you saturate the color by 10%, you get **35.2477, 0.2940, 0.3683**, and if you desaturate by 10%, it is **38.9215, 0.3083, 0.3370**.

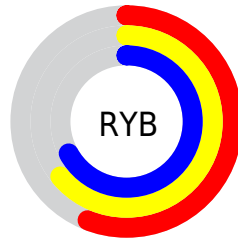
Distribution



Red (56%)

Green (67%)

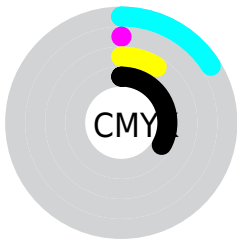
Blue (61%)



Red (56%)

Yellow (64%)

Blue (67%)

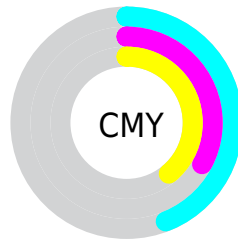


Cyan (16%)

Magenta (0%)

Yellow (9%)

Black (33%)



Cyan (44%)

Magenta (33%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9556, 0.3010, 0.3518 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 36.9556, 0.3010, 0.3518 by changing the saturation by 10% instead.


 36.9556, 0.3010,
0.3518

 36.9556, 0.3010,
0.3518


333.1183, 0.3072,
0.3398

 25.1731, 0.2993,
0.3550


 70.5045, 0.3033,
0.3473

 16.2061, 0.2971,
0.3593


 93.0397, 0.3042,
0.3456

 9.6701, 0.2941,
0.3653


119.9279, 0.3049,
0.3442

 5.1808, 0.2895,
0.3742

151.5536, 0.3055,
0.3431

 2.3537, 0.2820,
0.3889

188.3010, 0.3060,
0.3421

 0.8019, 0.2541,
0.4425

230.5547, 0.3064,

 0.0000, 0.0000,

0.3412

0.0000

278.6990, 0.3068,
0.3404

■ 36.9556, 0.3010,
0.3518

■ 36.9556, 0.3010,
0.3518

■ 35.2477, 0.2940,
0.3683

■ 38.9215, 0.3083,
0.3370

■ 33.7821, 0.2874,
0.3864

■ 41.1508, 0.3158,
0.3237

■ 32.5488, 0.2818,
0.4059

■ 43.6548, 0.3232,
0.3120

■ 31.5350, 0.2773,
0.4266

■ 46.4426, 0.3304,
0.3017

■ 30.7269, 0.2743,
0.4480

■ 49.5229, 0.3373,
0.2927

■ 30.1088, 0.2730,
0.4695

■ 52.9042, 0.3440,
0.2848

■ 29.6627, 0.2736,
0.4905

■ 55.2400, 0.3443,
0.2769

■ 29.3653, 0.2761,
0.5103

■ 55.7588, 0.3362,
0.2679

■ 29.2647, 0.2772,
0.5181

■ 56.3065, 0.3284,
0.2592

Harmonies

Analogous

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



36.9556, 0.3210, 0.3625



36.9556, 0.3010, 0.3518



36.9556, 0.2845, 0.3345

Triad

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



36.9556, 0.3010, 0.3518



36.9556, 0.2863, 0.2958



36.9556, 0.3513, 0.3398

Complementary

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



36.9556, 0.3010, 0.3518



30.6636, 0.3264, 0.3073

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.



36.9556, 0.3414, 0.3228



36.9556, 0.3010, 0.3518



36.9556, 0.3035, 0.2980

Square

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



36.9556, 0.3010, 0.3518



36.9556, 0.2763, 0.3022



36.9556, 0.3238, 0.3077



36.9556, 0.3504, 0.3548

Rectangle

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



36.9556, 0.3010, 0.3518



36.9556, 0.2776, 0.3220



36.9556, 0.3238, 0.3077



36.9556, 0.3491, 0.3342

Sweetspot

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



36.9572, 0.3010, 0.3518



70.9174, 0.3089, 0.3359



38.0340, 0.3249, 0.3689



15.7567, 0.3084, 0.3368



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



36.9572, 0.3010, 0.3518



65.9261, 0.2985, 0.3573



37.4256, 0.2906, 0.3316



8.4610, 0.3058, 0.3418



21.5376, 0.2767, 0.5161



0.5344, 0.2583, 0.4497

Inverse Universe

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



30.6636, 0.3264, 0.3073



52.3453, 0.3300, 0.3023



30.2327, 0.3401, 0.3264



7.6095, 0.3202, 0.3165



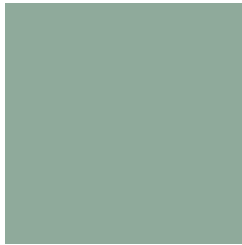
6.8996, 0.4690, 0.2357



0.1779, 0.4083, 0.2023

Previews

White Background



This preview shows how the Yxy color 36.9556, 0.3010, 0.3518 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 36.9556, 0.3010, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

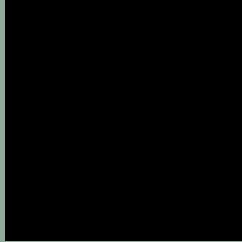
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

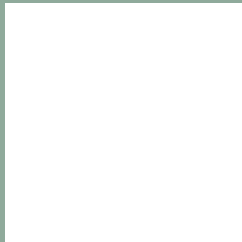
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.9556, 0.3010, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 36.9556, 0.3010, 0.3518.



This preview shows how white text looks on a background with the Yxy color 36.9556, 0.3010, 0.3518.

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

36.9556, 0.3010, 0.3518

Protanopia

36.8638, 0.3292, 0.3463

Deuteranopia

36.7118, 0.3364, 0.3305



Tritanopia

36.7708, 0.2845, 0.3086

Trichromacy



Original Color

36.9556, 0.3010, 0.3518

Protanomaly

37.0130, 0.3192, 0.3496

Deuteranomaly

36.4565, 0.3229, 0.3377

Tritanomaly

36.6887, 0.2907, 0.3230

Monochromacy



Original Color

36.9556, 0.3010, 0.3518

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.8896, 0.3086, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9556, 0.3010, 0.3518 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(143, 170, 155)` looks like.

```
.text, #text, p{  
    color:rgb(143, 170, 155)  
}
```

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(143, 170, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 170, 155) }
```

Border

The CSS property to change the border of an element to Yxy 36.9556, 0.3010, 0.3518 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(143, 170, 155) }
```

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

```
.border{ border-color:rgb(143, 170, 155) }
```

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

Here you see how a box with a 4 pixel rgb(143, 170, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 170, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 170, 155);  
box-shadow:4px 4px 4px 4px rgb(143, 170,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9556, 0.3010, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 170, 155) }
```

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

```
.background{ background-color: rgb(143,  
170, 155) }
```

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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