

Converting Colors

$Yxy(36.0513, 0.2976, 0.3485)$

Have a look what the booklet for
Yxy(36.0513, 0.2976, 0.3485)
contains.

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Color

Yxy(35.9810, 0.2976, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	8CA89C
RGB	140, 168, 156
RGB Percent	55%, 66%, 61%
CMY	0.4508, 0.3412, 0.3883
CMYK	0.17, 0.00, 0.07, 0.34
HSL	154°, 14%, 60%
HSV	154°, 17%, 66%
XYZ	30.8231, 35.9810, 36.7681
YIQ	158.2600, -12.8360, -9.6680

Conversions

Conversions Part 2

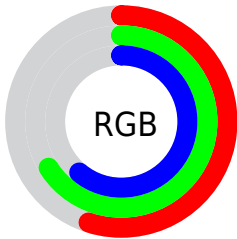
Format	Color
RYB	140, 158, 168
Decimal	9218204
CIELab	66.51, -12.11, 2.98
CIElCh	67, 12.470, 166.185
Yxy	35.9810, 0.2976, 0.3474
Android (android.graphics.Color)	4287408284 (0xFF8CA89C)
YUV	158.2600, -1.1142, -16.0140
Hunter-Lab	59.9842, -13.2494, 5.6463

Details

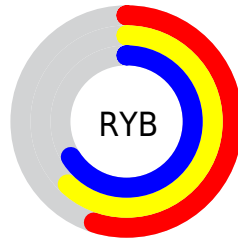
The Yxy color **35.9810, 0.2976, 0.3474** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.3616, 0.3308, 0.3113**, and the grayscale version is **34.3294, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8978, 0.3010, 0.3440**, and **15.6844, 0.2930, 0.3532** is the 20% darker color. If you saturate the color by 10%, you get **34.3950, 0.2890, 0.3600**, and if you desaturate by 10%, it is **37.8073, 0.3066, 0.3360**.

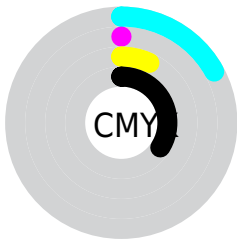
Distribution



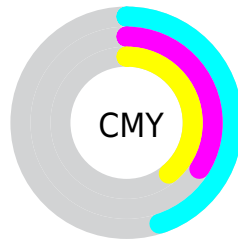
- Red (55%)
- Green (66%)
- Blue (61%)



- Red (55%)
- Yellow (62%)
- Blue (66%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (34%)





- Cyan (45%)
- Magenta (34%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9810, 0.2976, 0.3474 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 35.9810, 0.2976, 0.3474 by changing the saturation by 10% instead.


 35.9810, 0.2976,
0.3474


 35.9810, 0.2976,
0.3474


328.8775, 0.3055,
0.3377

 24.4195, 0.2955,
0.3500


 69.0027, 0.3006,
0.3437

 15.6451, 0.2927,
0.3535

 91.2318, 0.3017,
0.3424

 9.2734, 0.2888,
0.3583


 117.7855, 0.3026,
0.3413

 4.9199, 0.2830,
0.3655

149.0482, 0.3034,
0.3404

 2.2004, 0.2736,
0.3775

185.4044, 0.3040,
0.3395

 0.7202, 0.2308,
0.4274

227.2384, 0.3046,

 0.0000, 0.0000,

0.3388

0.0000

274.9346, 0.3051,
0.3382

■ 35.9810, 0.2976,
0.3474

■ 35.9810, 0.2976,
0.3474

■ 34.3950, 0.2890,
0.3600

■ 37.8073, 0.3066,
0.3360

■ 33.0346, 0.2812,
0.3738

■ 39.8792, 0.3158,
0.3257

■ 31.8901, 0.2744,
0.3887


■ 42.2071, 0.3251,
0.3165


■ 30.9495, 0.2688,
0.4044


■ 44.7999, 0.3342,
0.3084

■ 30.1994, 0.2649,
0.4207

■ 47.6658, 0.3431,
0.3013


 29.6250, 0.2629,
0.4373

 50.8125, 0.3517,
0.2951

 29.2090, 0.2628,
0.4538

 53.7436, 0.3577,
0.2893

 28.9267, 0.2646,
0.4699

 54.1035, 0.3512,
0.2821

 28.8450, 0.2653,
0.4752

 54.4797, 0.3448,
0.2751

Harmonies

Analogous

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



35.9810, 0.3163, 0.3594



35.9810, 0.2976, 0.3474



35.9810, 0.2832, 0.3302

Triad

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



35.9810, 0.2976, 0.3474



35.9810, 0.2907, 0.2971



35.9810, 0.3502, 0.3429

Complementary

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



35.9810, 0.2976, 0.3474



29.3616, 0.3308, 0.3113

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.



35.9810, 0.3430, 0.3267



35.9810, 0.2976, 0.3474



35.9810, 0.3082, 0.3009

Square

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



35.9810, 0.2976, 0.3474



35.9810, 0.2793, 0.3014



35.9810, 0.3274, 0.3116



35.9810, 0.3470, 0.3561

Rectangle

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



35.9810, 0.2976, 0.3474



35.9810, 0.2778, 0.3186



35.9810, 0.3274, 0.3116



35.9810, 0.3489, 0.3376

Sweetspot

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



35.9825, 0.2976, 0.3474



69.1635, 0.3080, 0.3343



36.5885, 0.3219, 0.3714



15.0221, 0.3074, 0.3350



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.



35.9825, 0.2976, 0.3474



64.1765, 0.2943, 0.3520



35.7264, 0.2880, 0.3261



8.4768, 0.3042, 0.3389



21.7945, 0.2649, 0.4736



0.5402, 0.2501, 0.4203

Inverse Universe

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



29.3616, 0.3308, 0.3113



49.8456, 0.3358, 0.3071



29.5372, 0.3432, 0.3319



7.5938, 0.3221, 0.3193



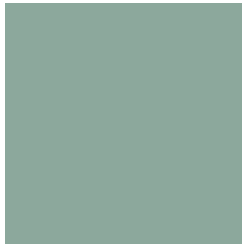
6.6513, 0.5216, 0.2647



0.1722, 0.4399, 0.2197

Previews

White Background



This preview shows how the Yxy color 35.9810, 0.2976, 0.3474 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 35.9810, 0.2976, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

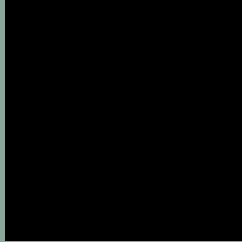
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

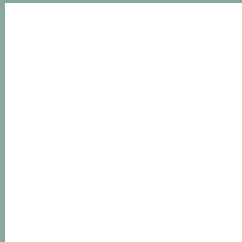
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.9810, 0.2976, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 35.9810, 0.2976, 0.3474.



This preview shows how white text looks on a background with the Yxy color 35.9810, 0.2976, 0.3474.

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

35.9810, 0.2976, 0.3474

Protanopia

35.8637, 0.3257, 0.3421

Deuteranopia

35.7105, 0.3328, 0.3263



Tritanopia

36.0539, 0.2835, 0.3098

Trichromacy



Original Color

35.9810, 0.2976, 0.3474

Protanomaly

36.0189, 0.3157, 0.3453

Deuteranomaly

35.4684, 0.3193, 0.3334

Tritanomaly

36.0144, 0.2889, 0.3229

Monochromacy



Original Color

35.9810, 0.2976, 0.3474

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.8543, 0.3067, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9810, 0.2976, 0.3474 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, 168, 156)` looks like.

```
.text, #text, p{  
    color:rgb(140, 168, 156)  
}
```

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, 168, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 168, 156) }
```

Border

The CSS property to change the border of an element to Yxy 35.9810, 0.2976, 0.3474 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, 168, 156) }
```

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

```
.border{ border-color:rgb(140, 168, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 168, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 168, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 168, 156);  
box-shadow:4px 4px 4px 4px rgb(140, 168,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9810, 0.2976, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 168, 156) }
```

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

```
.background{ background-color: rgb(140,  
168, 156) }
```

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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