

Converting Colors

$Yxy(34.0693, 0.2898, 0.3694)$

Have a look what the booklet for
Yxy(34.0693, 0.2898, 0.3694)
contains.

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Color

Yxy(33.9408, 0.2892, 0.3685)

Conversions

Conversions Part 1

Format	Color
Hex	77A890
RGB	119, 168, 144
RGB Percent	47%, 66%, 56%
CMY	0.5336, 0.3411, 0.4353
CMYK	0.29, 0.00, 0.14, 0.34
HSL	151°, 22%, 56%
HSV	151°, 29%, 66%
XYZ	26.6369, 33.9408, 31.5276
YIQ	150.6130, -21.5000, -17.8520

Conversions

Conversions Part 2

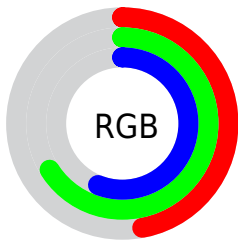
Format	Color
RYB	119, 151, 168
Decimal	7841936
CIELab	64.92, -21.57, 7.20
CIElCh	65, 22.739, 161.553
Yxy	33.9408, 0.2892, 0.3685
Android (android.graphics.Color)	4286032016 (0xFF77A890)
YUV	150.6130, -3.2602, -27.7246
Hunter-Lab	58.2587, -20.3396, 8.6954

Details

The Yxy color **33.9408, 0.2892, 0.3685** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.4870, 0.3452, 0.2927**, and the grayscale version is **30.7893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.6232, 0.2937, 0.3596**, and **14.5641, 0.2812, 0.3821** is the 20% darker color. If you saturate the color by 10%, you get **32.6150, 0.2822, 0.3847**, and if you desaturate by 10%, it is **35.4978, 0.2969, 0.3536**.

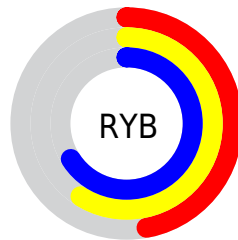
Distribution



Red (47%)

Green (66%)

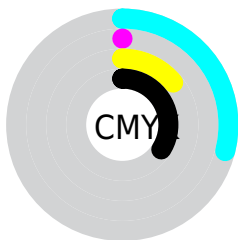
Blue (56%)



Red (47%)

Yellow (59%)

Blue (66%)

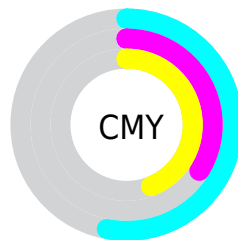


Cyan (29%)

Magenta (0%)

Yellow (14%)

Black (34%)



Cyan (53%)


Magenta (34%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9408, 0.2892, 0.3685 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 33.9408, 0.2892, 0.3685 by changing the saturation by 10% instead.

 33.9408, 0.2892,
0.3685


 33.9408, 0.2892,
0.3685


319.8680, 0.3018,
0.3472

 22.8481, 0.2857,
0.3744


 65.8416, 0.2940,
0.3603

 14.4814, 0.2811,
0.3824


 87.4185, 0.2958,
0.3574

 8.4562, 0.2744,
0.3938


 113.2590, 0.2972,
0.3550

 4.3882, 0.2643,
0.4113

143.7473, 0.2984,
0.3529

 1.8930, 0.2471,
0.4416

179.2680, 0.2995,
0.3512

 0.5442, 0.0000,
0.8588

220.2054, 0.3004,

 0.0000, 0.0000,

0.3497

0.0000

266.9440, 0.3011,
0.3483

■ 33.9408, 0.2892,
0.3685

■ 33.9408, 0.2892,
0.3685

■ 32.6150, 0.2822,
0.3847

■ 35.4978, 0.2969,
0.3536

■ 31.5048, 0.2763,
0.4021

■ 37.2926, 0.3050,
0.3402

■ 30.5991, 0.2717,
0.4204


■ 39.3363, 0.3134,
0.3281


■ 29.8841, 0.2687,
0.4392

■ 41.6384, 0.3218,
0.3174


■ 29.3441, 0.2676,
0.4582


■ 44.2079, 0.3300,
0.3079

 28.9610, 0.2685,
0.4768

 47.0531, 0.3381,
0.2995

 28.6986, 0.2709,
0.4946

 50.1820, 0.3458,
0.2922

 28.6797, 0.2711,
0.4960

 53.6026, 0.3532,
0.2858

 54.3345, 0.3474,
0.2779

Harmonies

Analogous

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



33.9408, 0.3240, 0.3892



33.9408, 0.2892, 0.3685



33.9408, 0.2618, 0.3357

Triad

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



33.9408, 0.2892, 0.3685



33.9408, 0.2681, 0.2713



33.9408, 0.3822, 0.3486

Complementary

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



33.9408, 0.2892, 0.3685



23.4870, 0.3452, 0.2927

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.



33.9408, 0.3656, 0.3195



33.9408, 0.2892, 0.3685



33.9408, 0.2984, 0.2765

Square

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



33.9408, 0.2892, 0.3685



33.9408, 0.2502, 0.2802



33.9408, 0.3343, 0.2938



33.9408, 0.3787, 0.3748

Rectangle

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



33.9408, 0.2892, 0.3685



33.9408, 0.2508, 0.3132



33.9408, 0.3343, 0.2938



33.9408, 0.3788, 0.3388

Sweetspot

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



33.9422, 0.2892, 0.3685



67.6741, 0.3051, 0.3401



35.2242, 0.3316, 0.4064



14.6446, 0.3039, 0.3419



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.



33.9422, 0.2892, 0.3685



59.9848, 0.2846, 0.3788



34.7567, 0.2713, 0.3289



8.4693, 0.3050, 0.3403



21.6632, 0.2706, 0.4943



0.5374, 0.2539, 0.4341

Inverse Universe

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



23.4870, 0.3452, 0.2927



37.9155, 0.3549, 0.2844



22.8353, 0.3758, 0.3292



7.6012, 0.3212, 0.3180



6.7598, 0.4966, 0.2509



0.1748, 0.4243, 0.2111

Previews

White Background



This preview shows how the Yxy color 33.9408, 0.2892, 0.3685 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 33.9408, 0.2892, 0.3685 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 33.9408, 0.2892, 0.3685

Background



This preview shows how black text looks on a background with the Yxy color 33.9408, 0.2892, 0.3685.



This preview shows how white text looks on a background with the Yxy color 33.9408, 0.2892, 0.3685.

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

33.9408, 0.2892, 0.3685

Protanopia

33.5044, 0.3377, 0.3560

Deuteranopia

33.7932, 0.3423, 0.3362



Tritanopia

33.8043, 0.2694, 0.3073

Trichromacy



Original Color

33.9408, 0.2892, 0.3685

Protanomaly

33.3310, 0.3190, 0.3602

Deuteranomaly

33.4976, 0.3207, 0.3473

Tritanomaly

33.8378, 0.2762, 0.3289

Monochromacy



Original Color

33.9408, 0.2892, 0.3685

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.7410, 0.3034, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9408, 0.2892, 0.3685 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(119, 168, 144)` looks like.

```
.text, #text, p{  
    color:rgb(119, 168, 144)  
}
```

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(119, 168, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 168, 144) }
```

Border

The CSS property to change the border of an element to Yxy 33.9408, 0.2892, 0.3685 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(119, 168, 144) }
```

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

```
.border{ border-color:rgb(119, 168, 144) }
```

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

Here you see how a box with a 4 pixel rgb(119, 168, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 168, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 168, 144);  
box-shadow:4px 4px 4px 4px rgb(119, 168,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9408, 0.2892, 0.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 168, 144) }
```

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

```
.background{ background-color: rgb(119,  
168, 144) }
```

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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