

Converting Colors

Yxy(33.4442, 0.2896, 0.3604)

Have a look what the booklet for
Yxy(33.4442, 0.2896, 0.3604)
contains.

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Color

Yxy(33.5166, 0.2892, 0.3600)

Conversions

Conversions Part 1

Format	Color
Hex	7AA693
RGB	122, 166, 147
RGB Percent	48%, 65%, 58%
CMY	0.5217, 0.3490, 0.4235
CMYK	0.27, 0.00, 0.11, 0.35
HSL	154°, 20%, 56%
HSV	154°, 27%, 65%
XYZ	26.9250, 33.5166, 32.6601
YIQ	150.6780, -20.1250, -15.2370

Conversions

Conversions Part 2

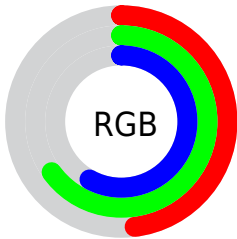
Format	Color
RYB	122, 150, 166
Decimal	8038035
CIELab	64.58, -18.94, 5.05
CIELCh	65, 19.596, 165.079
Yxy	33.5166, 0.2892, 0.3600
Android (android.graphics.Color)	4286228115 (0xFF7AA693)
YUV	150.6780, -1.8133, -25.1506
Hunter-Lab	57.8935, -18.2972, 7.0776

Details

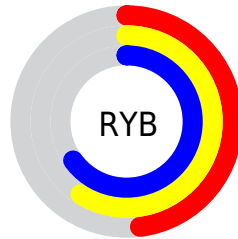
The Yxy color **33.5166, 0.2892, 0.3600** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.9384, 0.3445, 0.3001**, and the grayscale version is **30.8145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.0439, 0.2938, 0.3533**, and **14.2569, 0.2820, 0.3722** is the 20% darker color. If you saturate the color by 10%, you get **32.1906, 0.2814, 0.3738**, and if you desaturate by 10%, it is **35.0664, 0.2977, 0.3473**.

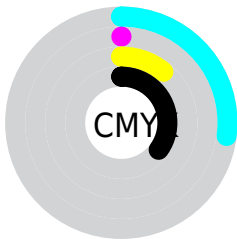
Distribution



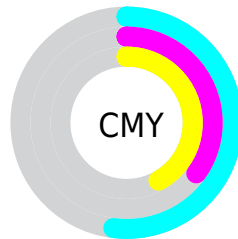
- Red (48%)
- Green (65%)
- Blue (58%)



- Red (48%)
- Yellow (59%)
- Blue (65%)



- Cyan (27%)
- Magenta (0%)
- Yellow (11%)
- Black (35%)





- Cyan (52%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5166, 0.2892, 0.3600 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 33.5166, 0.2892, 0.3600 by changing the saturation by 10% instead.


 33.5166, 0.2892,
0.3600


 33.5166, 0.2892,
0.3600


317.9712, 0.3018,
0.3433


 22.5225, 0.2858,
0.3646


 65.1812, 0.2940,
0.3536

 14.2413, 0.2812,
0.3708


 86.6205, 0.2957,
0.3513

 8.2887, 0.2747,
0.3796


 112.3104, 0.2971,
0.3494

 4.2802, 0.2650,
0.3931

142.6351, 0.2983,
0.3478

 1.8315, 0.2485,
0.4163

177.9792, 0.2994,
0.3465

 0.5067, 0.0267,
0.6989

218.7269, 0.3003,

 0.0000, 0.0000,

0.3453

0.0000

265.2628, 0.3011,
0.3442

■ 33.5166, 0.2892,
0.3600

■ 33.5166, 0.2892,
0.3600

■ 32.1906, 0.2814,
0.3738

■ 35.0664, 0.2977,
0.3473

■ 31.0734, 0.2745,
0.3887

■ 36.8457, 0.3067,
0.3359

■ 30.1546, 0.2690,
0.4044


■ 38.8655, 0.3159,
0.3256

■ 29.4215, 0.2651,
0.4208


■ 41.1345, 0.3251,
0.3164


■ 28.8595, 0.2631,
0.4374


■ 43.6611, 0.3342,
0.3083

 28.4519, 0.2630,
0.4540


 46.4534, 0.3431,
0.3012

 28.1749, 0.2647,
0.4701

 49.5190, 0.3517,
0.2949

 28.0923, 0.2655,
0.4757

 52.8652, 0.3599,
0.2895

 53.2616, 0.3535,
0.2824

Harmonies

Analogous

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



33.5166, 0.3191, 0.3794



33.5166, 0.2892, 0.3600



33.5166, 0.2663, 0.3315

Triad

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



33.5166, 0.2892, 0.3600



33.5166, 0.2766, 0.2786



33.5166, 0.3733, 0.3493

Complementary

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



33.5166, 0.2892, 0.3600



23.9384, 0.3445, 0.3001

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.



33.5166, 0.3609, 0.3239



33.5166, 0.2892, 0.3600



33.5166, 0.3040, 0.2844

Square

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



33.5166, 0.2892, 0.3600



33.5166, 0.2594, 0.2851



33.5166, 0.3351, 0.3006



33.5166, 0.3684, 0.3712

Rectangle

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



33.5166, 0.2892, 0.3600



33.5166, 0.2577, 0.3125



33.5166, 0.3351, 0.3006



33.5166, 0.3710, 0.3409

Sweetspot

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



33.5180, 0.2892, 0.3600



66.3122, 0.3053, 0.3376



34.3474, 0.3271, 0.3992



14.7297, 0.3039, 0.3393



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.



33.5180, 0.2892, 0.3600



59.3172, 0.2844, 0.3682



33.1087, 0.2743, 0.3242



8.4766, 0.3042, 0.3389



21.7906, 0.2651, 0.4742



0.5401, 0.2502, 0.4207

Inverse Universe

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



23.9384, 0.3445, 0.3001



38.8885, 0.3543, 0.2931



24.1527, 0.3670, 0.3337



7.5940, 0.3221, 0.3193



6.6541, 0.5208, 0.2643



0.1722, 0.4395, 0.2195

Previews

White Background



This preview shows how the Yxy color 33.5166, 0.2892, 0.3600 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 33.5166, 0.2892, 0.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

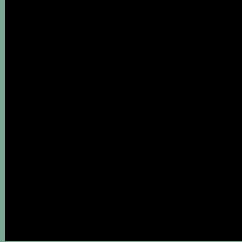
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5166, 0.2892, 0.3600

Background



This preview shows how black text looks on a background with the Yxy color 33.5166, 0.2892, 0.3600.

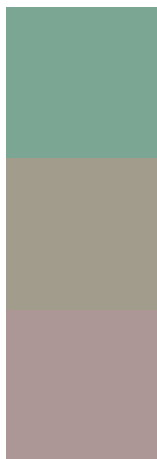


This preview shows how white text looks on a background with the Yxy color 33.5166, 0.2892, 0.3600.

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

33.5166, 0.2892, 0.3600

Protanopia

33.3814, 0.3328, 0.3515

Deuteranopia

33.2195, 0.3363, 0.3305



Tritanopia

33.5250, 0.2723, 0.3088

Trichromacy



Original Color

33.5166, 0.2892, 0.3600

Protanomaly

33.3278, 0.3153, 0.3555

Deuteranomaly

32.8169, 0.3171, 0.3397

Tritanomaly

33.3466, 0.2783, 0.3257

Monochromacy



Original Color

33.5166, 0.2892, 0.3600

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.5544, 0.3026, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5166, 0.2892, 0.3600 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(122, 166, 147)` looks like.

```
.text, #text, p{  
    color:rgb(122, 166, 147)  
}
```

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(122, 166, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 166, 147) }
```

Border

The CSS property to change the border of an element to Yxy 33.5166, 0.2892, 0.3600 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(122, 166, 147) }
```

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

```
.border{ border-color:rgb(122, 166, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 166, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 166, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 166, 147);  
box-shadow:4px 4px 4px 4px rgb(122, 166,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5166, 0.2892, 0.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 166, 147) }
```

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

```
.background{ background-color: rgb(122,  
166, 147) }
```

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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