

Converting Colors

$Yxy(33.1529, 0.2977, 0.3689)$

Have a look what the booklet for
Yxy(33.1529, 0.2977, 0.3689)
contains.

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Color

Yxy(33.2393, 0.2982, 0.3700)

Conversions

Conversions Part 1

Format	Color
Hex	7EA58C
RGB	126, 165, 140
RGB Percent	49%, 65%, 55%
CMY	0.5060, 0.3529, 0.4510
CMYK	0.24, 0.00, 0.15, 0.35
HSL	142°, 18%, 57%
HSV	142°, 24%, 65%
XYZ	26.7891, 33.2393, 29.8076
YIQ	150.4890, -15.2190, -16.0430

Conversions

Conversions Part 2

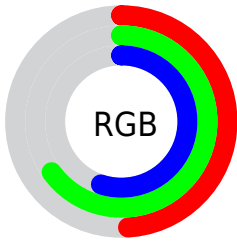
Format	Color
RYB	126, 155, 165
Decimal	8299916
CIELab	64.35, -18.53, 8.68
CIElCh	64, 20.460, 154.902
Yxy	33.2393, 0.2982, 0.3700
Android (android.graphics.Color)	4286489996 (0xFF7EA58C)
YUV	150.4890, -5.1711, -21.4769
Hunter-Lab	57.6535, -17.9525, 9.7038

Details

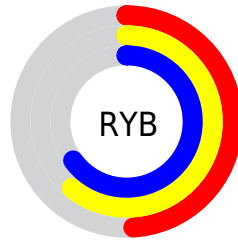
The Yxy color **33.2393, 0.2982, 0.3700** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.1505, 0.3308, 0.2913**, and the grayscale version is **30.7434, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6651, 0.3008, 0.3607**, and **14.0849, 0.2929, 0.3844** is the 20% darker color. If you saturate the color by 10%, you get **31.7911, 0.2925, 0.3906**, and if you desaturate by 10%, it is **34.9272, 0.3042, 0.3513**.

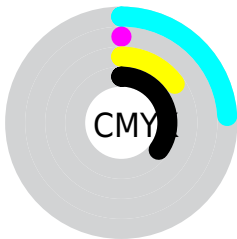
Distribution



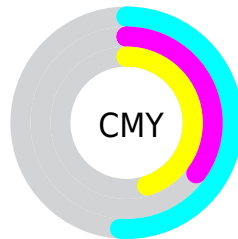
- Red (49%)
- Green (65%)
- Blue (55%)



- Red (49%)
- Yellow (61%)
- Blue (65%)



- Cyan (24%)
- Magenta (0%)
- Yellow (15%)
- Black (35%)





- Cyan (51%)
- Magenta (35%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.2393, 0.2982, 0.3700 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 33.2393, 0.2982, 0.3700 by changing the saturation by 10% instead.


 33.2393, 0.2982,
0.3700

 33.2393, 0.2982,
0.3700


316.7267, 0.3061,
0.3478

 22.3098, 0.2960,
0.3762


 64.7490, 0.3013,
0.3615

 14.0847, 0.2929,
0.3846

 86.0979, 0.3024,
0.3584

 8.1796, 0.2885,
0.3967


 111.6889, 0.3033,
0.3559

 4.2101, 0.2815,
0.4153

141.9061, 0.3040,
0.3537

 1.7918, 0.2692,
0.4478

177.1342, 0.3047,
0.3519

 0.4820, 0.0120,
0.9880

217.7573, 0.3052,

 0.0000, 0.0000,

0.3503

0.0000

264.1600, 0.3057,
0.3490

■ 33.2393, 0.2982,
0.3700

■ 33.2393, 0.2982,
0.3700

■ 31.7911, 0.2925,
0.3906

■ 34.9272, 0.3042,
0.3513

■ 30.5674, 0.2876,
0.4129

■ 36.8609, 0.3104,
0.3346

■ 29.5578, 0.2835,
0.4366

■ 39.0514, 0.3166,
0.3198

■ 28.7492, 0.2808,
0.4611

■ 41.5078, 0.3227,
0.3068

■ 28.1272, 0.2796,
0.4855


■ 44.2387, 0.3286,
0.2953

 27.6754, 0.2801,
0.5090


 47.2526, 0.3342,
0.2854

 27.3740, 0.2823,
0.5305

 50.5571, 0.3395,
0.2767

 27.2319, 0.2842,
0.5430

 53.5896, 0.3420,
0.2686

 54.1838, 0.3329,
0.2587

Harmonies

Analogous

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



33.2393, 0.3302, 0.3851



33.2393, 0.2982, 0.3700



33.2393, 0.2711, 0.3421

Triad

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



33.2393, 0.2982, 0.3700



33.2393, 0.2674, 0.2771



33.2393, 0.3737, 0.3412

Complementary

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



33.2393, 0.2982, 0.3700



25.1505, 0.3308, 0.2913

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.



33.2393, 0.3552, 0.3148



33.2393, 0.2982, 0.3700



33.2393, 0.2930, 0.2790

Square

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



33.2393, 0.2982, 0.3700



33.2393, 0.2540, 0.2884



33.2393, 0.3251, 0.2926



33.2393, 0.3748, 0.3661

Rectangle

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



33.2393, 0.2982, 0.3700



33.2393, 0.2590, 0.3215



33.2393, 0.3251, 0.2926



33.2393, 0.3693, 0.3323

Sweetspot

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



33.2407, 0.2982, 0.3700



64.7526, 0.3083, 0.3402



35.0324, 0.3339, 0.3893



14.1141, 0.3079, 0.3411



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



33.2407, 0.2982, 0.3700



58.2110, 0.2954, 0.3798



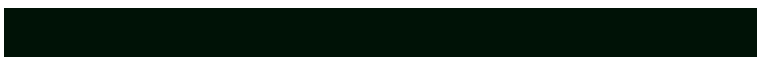
33.8563, 0.2830, 0.3382



7.9351, 0.3070, 0.3438



20.6073, 0.2836, 0.5411



0.4418, 0.2629, 0.4666

Inverse Universe

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



25.1505, 0.3308, 0.2913



41.3474, 0.3355, 0.2832



24.5774, 0.3533, 0.3201



7.1588, 0.3190, 0.3147



6.8454, 0.4347, 0.2168



0.1524, 0.3845, 0.1892

Previews

White Background



This preview shows how the Yxy color 33.2393, 0.2982, 0.3700 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 33.2393, 0.2982, 0.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

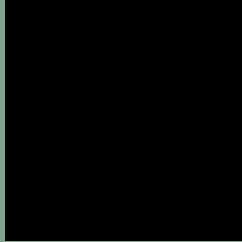
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.2393, 0.2982, 0.3700

Background



This preview shows how black text looks on a background with the Yxy color 33.2393, 0.2982, 0.3700.



This preview shows how white text looks on a background with the Yxy color 33.2393, 0.2982, 0.3700.

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

33.2393, 0.2982, 0.3700

Protanopia

32.9785, 0.3398, 0.3592

Deuteranopia

32.9098, 0.3457, 0.3392



Tritanopia

33.0643, 0.2768, 0.3089

Trichromacy



Original Color

33.2393, 0.2982, 0.3700

Protanomaly

33.0864, 0.3238, 0.3633

Deuteranomaly

32.5638, 0.3268, 0.3489

Tritanomaly

33.1597, 0.2846, 0.3305

Monochromacy



Original Color

33.2393, 0.2982, 0.3700

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.1807, 0.3071, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2393, 0.2982, 0.3700 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(126, 165, 140)` looks like.

```
.text, #text, p{  
    color:rgb(126, 165, 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(126, 165, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 165, 140) }
```

Border

The CSS property to change the border of an element to Yxy 33.2393, 0.2982, 0.3700 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(126, 165, 140) }
```

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

```
.border{ border-color:rgb(126, 165, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 165, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 165, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 165, 140);  
box-shadow:4px 4px 4px 4px rgb(126, 165,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2393, 0.2982, 0.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 165, 140) }
```

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

```
.background{ background-color: rgb(126,  
165, 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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