

Converting Colors

$Yxy(31.4962, 0.2821, 0.3628)$

Have a look what the booklet for
Yxy(31.4962, 0.2821, 0.3628)
contains.

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Color

Yxy(31.4926, 0.2822, 0.3630)

Conversions

Conversions Part 1

Format	Color
Hex	6EA38F
RGB	110, 163, 143
RGB Percent	43%, 64%, 56%
CMY	0.5688, 0.3607, 0.4391
CMYK	0.33, 0.00, 0.12, 0.36
HSL	157°, 22%, 54%
HSV	157°, 33%, 64%
XYZ	24.4827, 31.4926, 30.7812
YIQ	144.8730, -25.1680, -17.4560

Conversions

Conversions Part 2

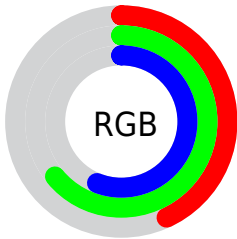
Format	Color
RYB	110, 143, 163
Decimal	7250831
CIELab	62.92, -22.04, 4.81
CIELCh	63, 22.562, 167.693
Yxy	31.4926, 0.2822, 0.3630
Android (android.graphics.Color)	4285440911 (0xFF6EA38F)
YUV	144.8730, -0.9234, -30.5836
Hunter-Lab	56.1183, -20.3329, 6.7619

Details

The Yxy color **31.4926, 0.2822, 0.3630** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.5412, 0.3580, 0.2977**, and the grayscale version is **28.2703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9606, 0.2882, 0.3554**, and **13.1199, 0.2719, 0.3745** is the 20% darker color. If you saturate the color by 10%, you get **30.3620, 0.2744, 0.3755**, and if you desaturate by 10%, it is **32.8283, 0.2910, 0.3514**.

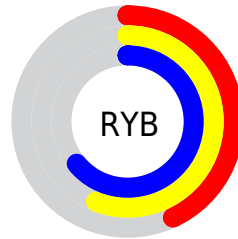
Distribution



Red (43%)

Green (64%)

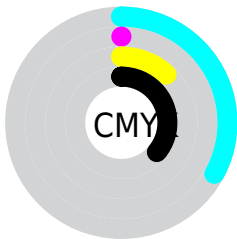
Blue (56%)



Red (43%)

Yellow (56%)

Blue (64%)

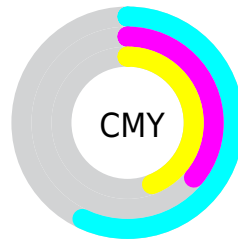


Cyan (33%)

Magenta (0%)

Yellow (12%)

Black (36%)



Cyan (57%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.4926, 0.2822, 0.3630 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 31.4926, 0.2822, 0.3630 by changing the saturation by 10% instead.


 31.4926, 0.2822,
0.3630

 31.4926, 0.2822,
0.3630


308.8013, 0.2986,
0.3445


 20.9742, 0.2777,
0.3682


 62.0148, 0.2885,
0.3559

 13.1052, 0.2716,
0.3752


 82.7874, 0.2907,
0.3533

 7.5010, 0.2629,
0.3853


 107.7469, 0.2926,
0.3512

 3.7774, 0.2498,
0.4010

 137.2777, 0.2942,
0.3495

 1.5498, 0.2272,
0.4286

171.7641, 0.2955,
0.3480

 0.3234, 0.0000,
0.9532

211.5906, 0.2967,

 0.0000, 0.0000,

0.3467

0.0000

257.1415, 0.2977,
0.3455

■ 31.4926, 0.2822,
0.3630

■ 31.4926, 0.2822,
0.3630

■ 30.3620, 0.2744,
0.3755

■ 32.8283, 0.2910,
0.3514

■ 29.4219, 0.2678,
0.3888

■ 34.3752, 0.3004,
0.3409

■ 28.6618, 0.2628,
0.4027

■ 36.1437, 0.3102,
0.3313

■ 28.0687, 0.2595,
0.4170

■ 38.1426, 0.3202,
0.3227

■ 27.6277, 0.2582,
0.4314

■ 40.3801, 0.3302,
0.3151

■ 27.3209, 0.2588,
0.4457

■ 42.8640, 0.3400,
0.3083

■ 27.1487, 0.2601,
0.4562

■ 45.6017, 0.3496,
0.3024

■ 48.6005, 0.3589,
0.2972

■ 51.5491, 0.3663,
0.2924

Harmonies

Analogous

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



31.4926, 0.3167, 0.3875



31.4926, 0.2822, 0.3630



31.4926, 0.2568, 0.3286

Triad

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



31.4926, 0.2822, 0.3630



31.4926, 0.2728, 0.2703



31.4926, 0.3844, 0.3547

Complementary

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



31.4926, 0.2822, 0.3630



20.5412, 0.3580, 0.2977

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.



31.4926, 0.3715, 0.3252



31.4926, 0.2822, 0.3630



31.4926, 0.3054, 0.2783

Square

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



31.4926, 0.2822, 0.3630



31.4926, 0.2516, 0.2763



31.4926, 0.3419, 0.2980



31.4926, 0.3766, 0.3799

Rectangle

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



31.4926, 0.2822, 0.3630



31.4926, 0.2478, 0.3064



31.4926, 0.3419, 0.2980



31.4926, 0.3823, 0.3450

Sweetspot

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



31.4939, 0.2822, 0.3630



62.2659, 0.3027, 0.3385



32.0919, 0.3274, 0.4175



13.8935, 0.3014, 0.3398



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.



31.4939, 0.2822, 0.3630



54.9051, 0.2765, 0.3719



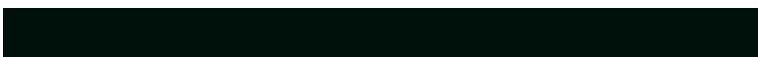
30.0103, 0.2661, 0.3186



7.9658, 0.3036, 0.3376



21.1059, 0.2597, 0.4549



0.4522, 0.2455, 0.4036

Inverse Universe

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



20.5412, 0.3580, 0.2977



32.2192, 0.3722, 0.2905



21.4377, 0.3825, 0.3391



7.1281, 0.3229, 0.3206



6.3253, 0.5425, 0.2762



0.1419, 0.4493, 0.2249

Previews

White Background



This preview shows how the Yxy color 31.4926, 0.2822, 0.3630 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 31.4926, 0.2822, 0.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

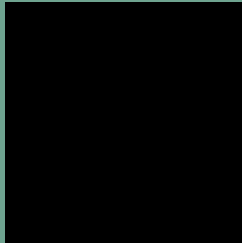
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4926, 0.2822, 0.3630

Background



This preview shows how black text looks on a background with the Yxy color 31.4926, 0.2822, 0.3630.



This preview shows how white text looks on a background with the Yxy color 31.4926, 0.2822, 0.3630.

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

31.4926, 0.2822, 0.3630

Protanopia

31.2085, 0.3334, 0.3506

Deuteranopia

31.2676, 0.3359, 0.3305



Tritanopia

31.4878, 0.2646, 0.3080

Trichromacy



Original Color

31.4926, 0.2822, 0.3630

Protanomaly

30.9695, 0.3135, 0.3548

Deuteranomaly

31.0298, 0.3141, 0.3416

Tritanomaly

31.2922, 0.2713, 0.3272

Monochromacy



Original Color

31.4926, 0.2822, 0.3630

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

29.3756, 0.3003, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4926, 0.2822, 0.3630 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(110, 163, 143)` looks like.

```
.text, #text, p{  
    color:rgb(110, 163, 143)  
}
```

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(110, 163, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 163, 143) }
```

Border

The CSS property to change the border of an element to Yxy 31.4926, 0.2822, 0.3630 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(110, 163, 143) }
```

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

```
.border{ border-color:rgb(110, 163, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 163, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 163, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 163, 143);  
box-shadow:4px 4px 4px 4px rgb(110, 163,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4926, 0.2822, 0.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 163, 143) }
```

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

```
.background{ background-color: rgb(110,  
163, 143) }
```

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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