

Converting Colors

$Yxy(31.0461, 0.2804, 0.3574)$

Have a look what the booklet for
Yxy(31.0461, 0.2804, 0.3574)
contains.

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Color

Yxy(31.2000, 0.2806, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	6EA291
RGB	110, 162, 145
RGB Percent	43%, 64%, 57%
CMY	0.5686, 0.3647, 0.4314
CMYK	0.32, 0.00, 0.11, 0.36
HSL	160°, 22%, 53%
HSV	160°, 32%, 64%
XYZ	24.4614, 31.2000, 31.5138
YIQ	144.5140, -25.5350, -16.3110

Conversions

Conversions Part 2

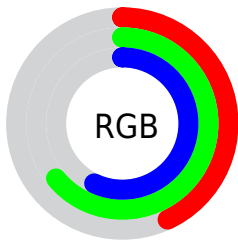
Format	Color
RYB	110, 141, 162
Decimal	7250577
CIELab	62.68, -21.08, 3.35
CIElCh	63, 21.345, 170.961
Yxy	31.2000, 0.2806, 0.3579
Android (android.graphics.Color)	4285440657 (0xFF6EA291)
YUV	144.5140, 0.2396, -30.2688
Hunter-Lab	55.8570, -19.5794, 5.6492

Details

The Yxy color **31.2000, 0.2806, 0.3579** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.3691, 0.3606, 0.3021**, and the grayscale version is **28.1159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5358, 0.2870, 0.3516**, and **12.9387, 0.2695, 0.3669** is the 20% darker color. If you saturate the color by 10%, you get **30.0955, 0.2722, 0.3686**, and if you desaturate by 10%, it is **32.5047, 0.2899, 0.3480**.

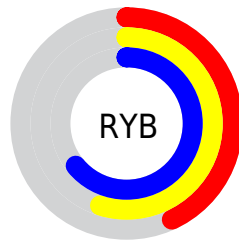
Distribution



Red (43%)

Green (64%)

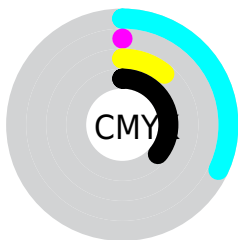
Blue (57%)



Red (43%)

Yellow (55%)

Blue (64%)

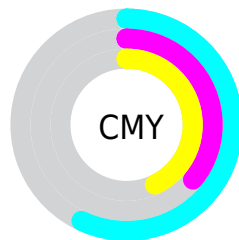


Cyan (32%)

Magenta (0%)

Yellow (11%)

Black (36%)



Cyan (57%)


Magenta (36%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2000, 0.2806, 0.3579 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 31.2000, 0.2806, 0.3579 by changing the saturation by 10% instead.


 31.2000, 0.2806,
0.3579


 31.2000, 0.2806,
0.3579


307.4587, 0.2978,
0.3423


 20.7512, 0.2759,
0.3623


 61.5548, 0.2872,
0.3519


 12.9423, 0.2695,
0.3682


 82.2296, 0.2895,
0.3497

 7.3888, 0.2605,
0.3766


 107.0819, 0.2915,
0.3480

 3.7064, 0.2469,
0.3897

 136.4959, 0.2932,
0.3465

 1.5107, 0.2237,
0.4125

170.8563, 0.2946,
0.3452

 0.2963, 0.0000,
0.7707

210.5472, 0.2958,

 0.0000, 0.0000,

0.3441

0.0000

255.9532, 0.2969,
0.3431

■ 31.2000, 0.2806,
0.3579

■ 31.2000, 0.2806,
0.3579

■ 30.0955, 0.2722,
0.3686

■ 32.5047, 0.2899,
0.3480

■ 29.1768, 0.2651,
0.3800

■ 34.0154, 0.3000,
0.3389

■ 28.4338, 0.2596,
0.3919


■ 35.7425, 0.3105,
0.3306


■ 27.8538, 0.2559,
0.4041

■ 37.6944, 0.3212,
0.3232

■ 27.4222, 0.2540,
0.4165

■ 39.8791, 0.3319,
0.3166


 27.1218, 0.2541,
0.4288

 42.3043, 0.3425,
0.3108

 26.9452, 0.2551,
0.4384

 44.9772, 0.3529,
0.3056

 47.9049, 0.3629,
0.3011

 50.9391, 0.3719,
0.2971

Harmonies

Analogous

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



31.2000, 0.3129, 0.3826



31.2000, 0.2806, 0.3579



31.2000, 0.2577, 0.3251

Triad

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



31.2000, 0.2806, 0.3579



31.2000, 0.2777, 0.2733



31.2000, 0.3808, 0.3566

Complementary

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



31.2000, 0.2806, 0.3579



20.3691, 0.3606, 0.3021

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.



31.2000, 0.3707, 0.3286



31.2000, 0.2806, 0.3579



31.2000, 0.3096, 0.2823

Square

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



31.2000, 0.2806, 0.3579



31.2000, 0.2561, 0.2776



31.2000, 0.3440, 0.3021



31.2000, 0.3715, 0.3795

Rectangle

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



31.2000, 0.2806, 0.3579



31.2000, 0.2502, 0.3046



31.2000, 0.3440, 0.3021



31.2000, 0.3796, 0.3475

Sweetspot

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



31.2013, 0.2806, 0.3579



62.3162, 0.3020, 0.3372



31.5061, 0.3246, 0.4168



13.9062, 0.3006, 0.3384



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.



31.2013, 0.2806, 0.3579



55.0748, 0.2741, 0.3660



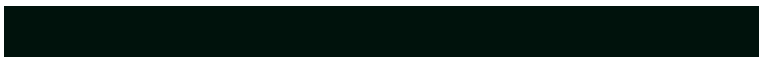
28.8176, 0.2662, 0.3143



7.9716, 0.3029, 0.3365



21.2354, 0.2548, 0.4374



0.4543, 0.2426, 0.3932

Inverse Universe

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



20.3691, 0.3606, 0.3021



32.0783, 0.3770, 0.2955



21.9245, 0.3798, 0.3431



7.1224, 0.3236, 0.3217



6.2615, 0.5616, 0.2867



0.1400, 0.4654, 0.2338

Previews

White Background



This preview shows how the Yxy color 31.2000, 0.2806, 0.3579 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 31.2000, 0.2806, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

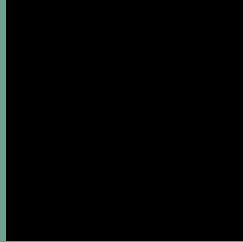
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2000, 0.2806, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 31.2000, 0.2806, 0.3579.

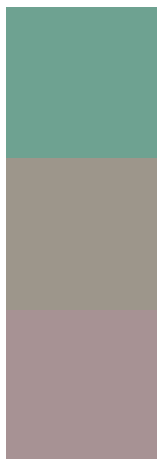


This preview shows how white text looks on a background with the Yxy color 31.2000, 0.2806, 0.3579.

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

31.2000, 0.2806, 0.3579

Protanopia

30.8449, 0.3306, 0.3460

Deuteranopia

30.9114, 0.3329, 0.3261



Tritanopia

31.1070, 0.2651, 0.3080

Trichromacy



Original Color

31.2000, 0.2806, 0.3579

Protanomaly

30.6097, 0.3107, 0.3500

Deuteranomaly

30.6740, 0.3113, 0.3369

Tritanomaly

30.9823, 0.2704, 0.3239

Monochromacy



Original Color

31.2000, 0.2806, 0.3579

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

29.0831, 0.2994, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2000, 0.2806, 0.3579 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, 162, 145)` looks like.

```
.text, #text, p{  
    color:rgb(110, 162, 145)  
}
```

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, 162, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 162, 145) }
```

Border

The CSS property to change the border of an element to Yxy 31.2000, 0.2806, 0.3579 is called "border". The border property can be set on classes, ids or directly on the HTML element.

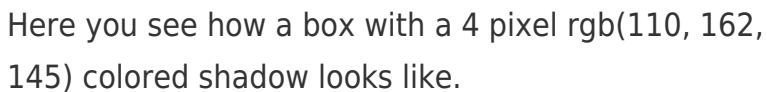
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 162, 145) }
```

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

```
.border{ border-color:rgb(110, 162, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 162, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 162, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 162, 145);  
box-shadow:4px 4px 4px 4px rgb(110, 162,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2000, 0.2806, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 162, 145) }
```

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

```
.background{ background-color: rgb(110,  
162, 145) }
```

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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