

Converting Colors

$Yxy(31.9412, 0.2801, 0.3594)$

Have a look what the booklet for
Yxy(31.9412, 0.2801, 0.3594)
contains.

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Color

Yxy(31.9412, 0.2801, 0.3594)

Conversions

Conversions Part 1

Format	Color
Hex	6EA492
RGB	110, 164, 146
RGB Percent	43%, 64%, 57%
CMY	0.5686, 0.3568, 0.4275
CMYK	0.33, 0.00, 0.11, 0.36
HSL	160°, 23%, 54%
HSV	160°, 33%, 64%
XYZ	24.8935, 31.9412, 32.0390
YIQ	145.8020, -26.4060, -17.0460

Conversions

Conversions Part 2

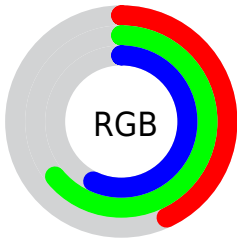
Format	Color
RYB	110, 142, 164
Decimal	7251090
CIELab	63.29, -21.88, 3.69
CIElCh	63, 22.191, 170.432
Yxy	31.9412, 0.2801, 0.3594
Android (android.graphics.Color)	4285441170 (0xFF6EA492)
YUV	145.8020, 0.0976, -31.3984
Hunter-Lab	56.5165, -20.2811, 5.9504

Details

The Yxy color **31.9412, 0.2801, 0.3594** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6060, 0.3619, 0.3008**, and the grayscale version is **28.6677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6197, 0.2865, 0.3527**, and **13.3627, 0.2682, 0.3691** is the 20% darker color. If you saturate the color by 10%, you get **30.8197, 0.2719, 0.3704**, and if you desaturate by 10%, it is **33.2682, 0.2893, 0.3492**.

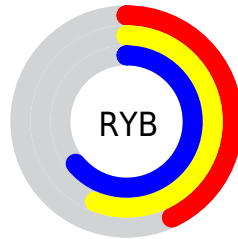
Distribution



Red (43%)

Green (64%)

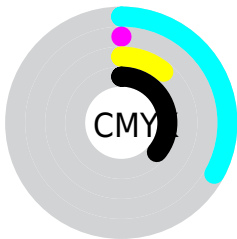
Blue (57%)



Red (43%)

Yellow (56%)

Blue (64%)

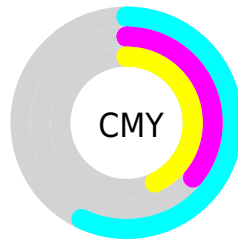


Cyan (33%)

Magenta (0%)

Yellow (11%)

Black (36%)



Cyan (57%)


Magenta (36%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9412, 0.2801, 0.3594 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 31.9412, 0.2801, 0.3594 by changing the saturation by 10% instead.


 31.9412, 0.2801,
0.3594


 31.9412, 0.2801,
0.3594


310.8513, 0.2975,
0.3430


 21.3166, 0.2753,
0.3640


 62.7189, 0.2867,
0.3531

 13.3556, 0.2689,
0.3701


 83.6408, 0.2891,
0.3509

 7.6739, 0.2599,
0.3789

 108.7639, 0.2911,
0.3490

 3.8870, 0.2463,
0.3924

 138.4726, 0.2928,
0.3474

 1.6105, 0.2234,
0.4159

173.1513, 0.2942,
0.3461

 0.3647, 0.0000,
0.7237

213.1844, 0.2955,

 0.0000, 0.0000,

0.3449

0.0000

258.9562, 0.2966,
0.3439

■ 31.9412, 0.2801,
0.3594

■ 31.9412, 0.2801,
0.3594

■ 30.8197, 0.2719,
0.3704

■ 33.2682, 0.2893,
0.3492

■ 29.8888, 0.2650,
0.3821

■ 34.8068, 0.2992,
0.3398

■ 29.1381, 0.2596,
0.3943


■ 36.5676, 0.3096,
0.3313

■ 28.5541, 0.2561,
0.4068


■ 38.5596, 0.3202,
0.3237

■ 28.1217, 0.2545,
0.4195


■ 40.7909, 0.3309,
0.3169


 27.8229, 0.2548,
0.4320

 43.2694, 0.3414,
0.3109

 27.6620, 0.2558,
0.4408

 46.0028, 0.3517,
0.3056

 48.9981, 0.3617,
0.3009

 51.7636, 0.3690,
0.2966

Harmonies

Analogous

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



31.9412, 0.3134, 0.3847



31.9412, 0.2801, 0.3594



31.9412, 0.2563, 0.3255

Triad

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



31.9412, 0.2801, 0.3594



31.9412, 0.2761, 0.2716



31.9412, 0.3830, 0.3568

Complementary

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



31.9412, 0.2801, 0.3594



20.6060, 0.3619, 0.3008

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.



31.9412, 0.3722, 0.3280



31.9412, 0.2801, 0.3594



31.9412, 0.3088, 0.2807

Square

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



31.9412, 0.2801, 0.3594



31.9412, 0.2542, 0.2763



31.9412, 0.3444, 0.3008



31.9412, 0.3737, 0.3807

Rectangle

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



31.9412, 0.2801, 0.3594



31.9412, 0.2484, 0.3043



31.9412, 0.3444, 0.3008



31.9412, 0.3816, 0.3474

Sweetspot

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



31.9425, 0.2801, 0.3594



64.0104, 0.3020, 0.3374



32.3380, 0.3258, 0.4192



13.9045, 0.3007, 0.3386



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.



31.9425, 0.2801, 0.3594



56.3523, 0.2736, 0.3680



29.7409, 0.2652, 0.3154



7.9709, 0.3030, 0.3366



21.2179, 0.2555, 0.4396



0.4540, 0.2429, 0.3945

Inverse Universe

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



20.6060, 0.3619, 0.3008



32.3390, 0.3788, 0.2940



22.0012, 0.3827, 0.3421



7.1232, 0.3235, 0.3215



6.2693, 0.5591, 0.2854



0.1402, 0.4632, 0.2325

Previews

White Background



This preview shows how the Yxy color 31.9412, 0.2801, 0.3594 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 31.9412, 0.2801, 0.3594 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 31.9412, 0.2801, 0.3594

Background



This preview shows how black text looks on a background with the Yxy color 31.9412, 0.2801, 0.3594.

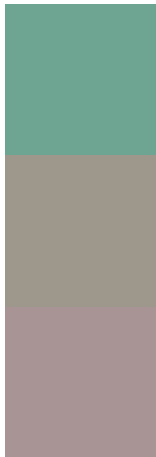


This preview shows how white text looks on a background with the Yxy color 31.9412, 0.2801, 0.3594.

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

31.9412, 0.2801, 0.3594

Protanopia

31.6190, 0.3303, 0.3474

Deuteranopia

31.6746, 0.3326, 0.3276



Tritanopia

31.8717, 0.2641, 0.3081

Trichromacy



Original Color

31.9412, 0.2801, 0.3594

Protanomaly

31.3926, 0.3107, 0.3514

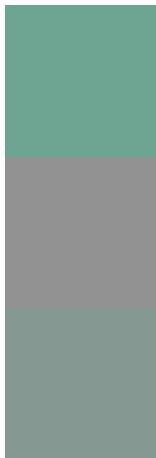
Deuteranomaly

31.4524, 0.3113, 0.3384

Tritanomaly

31.7115, 0.2700, 0.3256

Monochromacy



Original Color

31.9412, 0.2801, 0.3594

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.8443, 0.2995, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9412, 0.2801, 0.3594 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, 164, 146)` looks like.

```
.text, #text, p{  
    color:rgb(110, 164, 146)  
}
```

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, 164, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 164, 146) }
```

Border

The CSS property to change the border of an element to Yxy 31.9412, 0.2801, 0.3594 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, 164, 146) }
```

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

```
.border{ border-color:rgb(110, 164, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 164, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 164, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 164, 146);  
box-shadow:4px 4px 4px 4px rgb(110, 164,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9412, 0.2801, 0.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 164, 146) }
```

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

```
.background{ background-color: rgb(110,  
164, 146) }
```

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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