

Converting Colors

Yxy(31.4264, 0.2884, 0.4133)

Have a look what the booklet for
Yxy(31.4264, 0.2884, 0.4133)
contains.

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Color

Yxy(31.4264, 0.2884, 0.4133)

Conversions

Conversions Part 1

Format	Color
Hex	5FA778
RGB	95, 167, 120
RGB Percent	37%, 65%, 47%
CMY	0.6274, 0.3451, 0.5294
CMYK	0.43, 0.00, 0.28, 0.35
HSL	141°, 29%, 51%
HSV	141°, 43%, 65%
XYZ	21.9293, 31.4264, 22.6821
YIQ	140.1140, -27.8250, -29.8810

Conversions

Conversions Part 2

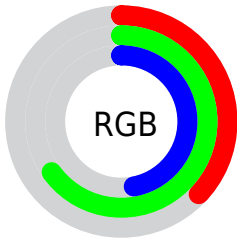
Format	Color
RYB	95, 148, 167
Decimal	6268792
CIELab	62.87, -33.27, 17.42
CIELCh	63, 37.556, 152.372
Yxy	31.4264, 0.2884, 0.4133
Android (android.graphics.Color)	4284458872 (0xFF5FA778)
YUV	140.1140, -9.9162, -39.5650
Hunter-Lab	56.0593, -28.2780, 15.2522

Details

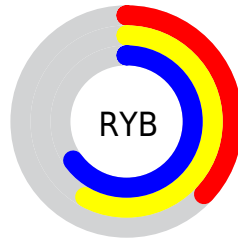
The Yxy color **31.4264, 0.2884, 0.4133** is a dark color, and the websafe version is hex **669966**, and the color name is **shiny shamrock**. A complement of this color would be **18.3549, 0.3504, 0.2582**, and the grayscale version is **26.3212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.1435, 0.2945, 0.3959**, and **12.9818, 0.2784, 0.4456** is the 20% darker color. If you saturate the color by 10%, you get **30.3773, 0.2844, 0.4374**, and if you desaturate by 10%, it is **32.7000, 0.2933, 0.3906**.

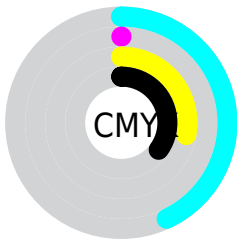
Distribution



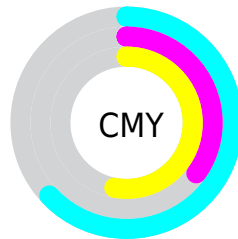
- Red (37%)
- Green (65%)
- Blue (47%)



- Red (37%)
- Yellow (58%)
- Blue (65%)



- Cyan (43%)
- Magenta (0%)
- Yellow (28%)
- Black (35%)





- Cyan (63%)
- Magenta (35%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4264, 0.2884, 0.4133 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 31.4264, 0.2884, 0.4133 by changing the saturation by 10% instead.


 31.4264, 0.2884,
0.4133


 31.4264, 0.2884,
0.4133


308.4980, 0.3025,
0.3662

 20.9238, 0.2841,
0.4270


 61.9108, 0.2940,
0.3948


 13.0683, 0.2780,
0.4459


 82.6613, 0.2960,
0.3883

 7.4756, 0.2688,
0.4737


 107.5966, 0.2976,
0.3830

 3.7613, 0.2534,
0.5180

 137.1010, 0.2989,
0.3785

 1.5409, 0.2242,
0.6379

171.5589, 0.3000,
0.3747

 0.3173, 0.0000,
1.0000

211.3548, 0.3009,

 0.0000, 0.0000,

0.3715

0.0000

256.8730, 0.3018,
0.3686

■ 31.4264, 0.2884,
0.4133

■ 31.4264, 0.2884,
0.4133

■ 30.3773, 0.2844,
0.4374

■ 32.7000, 0.2933,
0.3906

■ 29.5353, 0.2817,
0.4623

■ 34.2064, 0.2989,
0.3697

■ 28.8869, 0.2804,
0.4871


■ 35.9582, 0.3048,
0.3508


■ 28.4153, 0.2809,
0.5110

■ 37.9659, 0.3108,
0.3339

■ 28.1002, 0.2831,
0.5327


■ 40.2396, 0.3169,
0.3189

 27.9434, 0.2851,
0.5463

 42.7885, 0.3228,
0.3057

 45.6217, 0.3285,
0.2941

 48.7477, 0.3339,
0.2841

 52.1746, 0.3390,
0.2753

Harmonies

Analogous

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



31.4264, 0.3468, 0.4381



31.4264, 0.2884, 0.4133



31.4264, 0.2394, 0.3577

Triad

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



31.4264, 0.2884, 0.4133



31.4264, 0.2280, 0.2367



31.4264, 0.4260, 0.3430

Complementary

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



31.4264, 0.2884, 0.4133



18.3549, 0.3504, 0.2582

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.



31.4264, 0.3881, 0.2982



31.4264, 0.2884, 0.4133



31.4264, 0.2707, 0.2397

Square

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



31.4264, 0.2884, 0.4133



31.4264, 0.2075, 0.2557



31.4264, 0.3292, 0.2617



31.4264, 0.4291, 0.3886

Rectangle

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



31.4264, 0.2884, 0.4133



31.4264, 0.2179, 0.3167



31.4264, 0.3292, 0.2617



31.4264, 0.4168, 0.3276

Sweetspot

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



31.4277, 0.2884, 0.4133



64.3549, 0.3047, 0.3510



34.3044, 0.3510, 0.4424



14.2428, 0.3034, 0.3549



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.



31.4277, 0.2884, 0.4133



54.4310, 0.2845, 0.4370



32.4380, 0.2633, 0.3493



8.4492, 0.3071, 0.3441



21.3907, 0.2846, 0.5445



0.5301, 0.2652, 0.4748

Inverse Universe

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



18.3549, 0.3504, 0.2582



27.8208, 0.3627, 0.2432



17.4636, 0.4034, 0.3105



7.6217, 0.3188, 0.3144



7.1411, 0.4305, 0.2145



0.1828, 0.3863, 0.1902

Previews

White Background



This preview shows how the Yxy color 31.4264, 0.2884, 0.4133 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 31.4264, 0.2884, 0.4133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

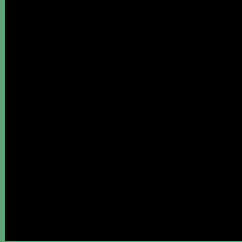
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4264, 0.2884, 0.4133

Background



This preview shows how black text looks on a background with the Yxy color 31.4264, 0.2884, 0.4133.



This preview shows how white text looks on a background with the Yxy color 31.4264, 0.2884, 0.4133.

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

31.4264, 0.2884, 0.4133

Protanopia

31.0069, 0.3617, 0.3874

Deuteranopia

30.8454, 0.3662, 0.3585



Tritanopia

31.2845, 0.2575, 0.3078

Trichromacy



Original Color

31.4264, 0.2884, 0.4133

Protanomaly

30.7782, 0.3312, 0.3967

Deuteranomaly

30.3235, 0.3339, 0.3775

Tritanomaly

31.4110, 0.2687, 0.3441

Monochromacy



Original Color

31.4264, 0.2884, 0.4133

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

27.7912, 0.3024, 0.3583

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4264, 0.2884, 0.4133 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(95, 167, 120)` looks like.

```
.text, #text, p{  
  color:rgb(95, 167, 120)  
}
```

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(95, 167, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 167, 120) }
```

Border

The CSS property to change the border of an element to Yxy 31.4264, 0.2884, 0.4133 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(95, 167, 120) }
```

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

```
.border{ border-color:rgb(95, 167, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 167, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 167, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 167, 120);  
box-shadow:4px 4px 4px 4px rgb(95, 167,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4264, 0.2884, 0.4133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 167, 120) }
```

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

```
.background{ background-color: rgb(95, 167,  
120) }
```

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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