

Converting Colors

Yxy(31.4064, 0.3227, 0.5134)

Have a look what the booklet for
Yxy(31.4064, 0.3227, 0.5134)
contains.

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Color

Yxy(31.4064, 0.3227, 0.5134)

Conversions

Conversions Part 1

Format	Color
Hex	5CAA41
RGB	92, 170, 65
RGB Percent	36%, 67%, 25%
CMY	0.6393, 0.3333, 0.7450
CMYK	0.46, 0.00, 0.62, 0.33
HSL	105°, 45%, 46%
HSV	105°, 62%, 67%
XYZ	19.7406, 31.4064, 10.0263
YIQ	134.7080, -12.7830, -49.1910

Conversions

Conversions Part 2

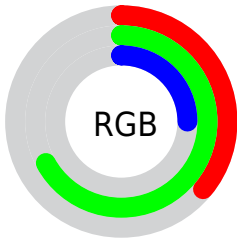
Format	Color
RYB	65, 170, 143
Decimal	6072897
CIELab	62.85, -43.76, 45.63
CIElCh	63, 63.226, 133.802
Yxy	31.4064, 0.3227, 0.5134
Android (android.graphics.Color)	4284262977 (0xFF5CAA41)
YUV	134.7080, -34.3660, -37.4549
Hunter-Lab	56.0414, -35.1957, 28.6215

Details

The Yxy color **31.4064, 0.3227, 0.5134** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **12.5319, 0.2830, 0.1731**, and the grayscale version is **24.2467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.8801, 0.3243, 0.4729**, and **13.0634, 0.3129, 0.5812** is the 20% darker color. If you saturate the color by 10%, you get **30.6422, 0.3211, 0.5418**, and if you desaturate by 10%, it is **32.3412, 0.3231, 0.4819**.

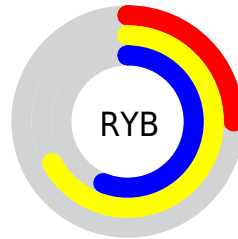
Distribution



Red (36%)

Green (67%)

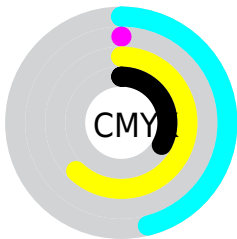
Blue (25%)



Red (25%)

Yellow (67%)

Blue (56%)

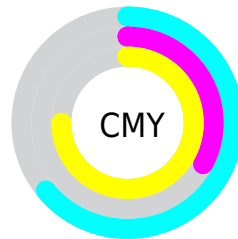


Cyan (46%)

Magenta (0%)

Yellow (62%)

Black (33%)



Cyan (64%)


Magenta (33%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4064, 0.3227, 0.5134 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 31.4064, 0.3227, 0.5134 by changing the saturation by 10% instead.


 31.4064, 0.3227,
0.5134


 31.4064, 0.3227,
0.5134

308.4063, 0.3231,
0.4095


 20.9085, 0.3196,
0.5426


 61.8793, 0.3248,
0.4730

 13.0571, 0.3131,
0.5814


 82.6232, 0.3249,
0.4586

 7.4679, 0.2999,
0.6347


 107.5511, 0.3248,
0.4467

 3.7564, 0.2770,
0.7230

 137.0476, 0.3246,
0.4368

 1.5383, 0.1557,
0.8443

 171.4969, 0.3242,
0.4284

 0.3154, 0.0000,
1.0000

211.2835, 0.3239,

 0.0000, 0.0000,

0.4212

0.0000

256.7919, 0.3235,
0.4150

■ 31.4064, 0.3227,
0.5134

■ 31.4064, 0.3227,
0.5134

■ 30.6422, 0.3211,
0.5418

■ 32.3412, 0.3231,
0.4819

■ 30.0336, 0.3183,
0.5650

■ 33.4523, 0.3223,
0.4493

■ 29.5697, 0.3144,
0.5817

■ 34.7502, 0.3207,
0.4172

■ 29.2794, 0.3110,
0.5913

■ 36.2432, 0.3186,
0.3867

■ 37.9393, 0.3160,
0.3586

■ 39.8457, 0.3132,
0.3332

■ 41.9695, 0.3104,
0.3105

■ 44.3175, 0.3075,
0.2904

■ 46.8960, 0.3048,
0.2727

Harmonies

Analogous

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



31.4064, 0.4129, 0.4978



31.4064, 0.3227, 0.5134



31.4064, 0.2347, 0.4456

Triad

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



31.4064, 0.3227, 0.5134



31.4064, 0.1586, 0.1958



31.4064, 0.4698, 0.3004

Complementary

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



31.4064, 0.3227, 0.5134



12.5319, 0.2830, 0.1731

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.



31.4064, 0.3772, 0.2424



31.4064, 0.3227, 0.5134



31.4064, 0.2000, 0.1847

Square

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



31.4064, 0.3227, 0.5134



31.4064, 0.1493, 0.2420



31.4064, 0.2755, 0.2016



31.4064, 0.5087, 0.3668

Rectangle

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



31.4064, 0.3227, 0.5134



31.4064, 0.1897, 0.3695



31.4064, 0.2755, 0.2016



31.4064, 0.4431, 0.2797

Sweetspot

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



31.4077, 0.3227, 0.5134



66.4596, 0.3180, 0.3797



28.2785, 0.4217, 0.4383



14.6388, 0.3187, 0.3878



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



31.4077, 0.3227, 0.5134



55.1637, 0.3202, 0.5508



30.6070, 0.2895, 0.4820



8.4973, 0.3153, 0.3521



21.5597, 0.3116, 0.5908



0.5483, 0.3363, 0.5712

Inverse Universe

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



12.5319, 0.2830, 0.1731



17.9297, 0.2738, 0.1469



14.3907, 0.3550, 0.2163



7.5683, 0.3098, 0.3065



5.4464, 0.2578, 0.1194



0.1549, 0.2798, 0.1315

Previews

White Background



This preview shows how the Yxy color 31.4064, 0.3227, 0.5134 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 31.4064, 0.3227, 0.5134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

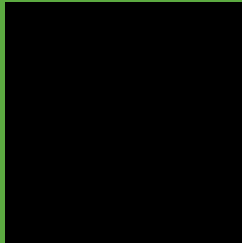
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4064, 0.3227, 0.5134

Background



This preview shows how black text looks on a background with the Yxy color 31.4064, 0.3227, 0.5134.



This preview shows how white text looks on a background with the Yxy color 31.4064, 0.3227, 0.5134.

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

31.4064, 0.3227, 0.5134

Protanopia

30.8945, 0.4160, 0.4551

Deuteranopia

30.8667, 0.4311, 0.4234



Tritanopia

31.1543, 0.2609, 0.3078

Trichromacy



Original Color

31.4064, 0.3227, 0.5134



Protanomaly

30.4642, 0.3780, 0.4781



Deuteranomaly

29.9001, 0.3881, 0.4560



Tritanomaly

30.8309, 0.2852, 0.3816

Monochromacy



Original Color

31.4064, 0.3227, 0.5134



Achromatopsia

24.2281, 0.3127, 0.3290



Achromatomaly

26.2275, 0.3186, 0.3977

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4064, 0.3227, 0.5134 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(92, 170, 65)` looks like.

```
.text, #text, p{  
    color:rgb(92, 170, 65)  
}
```

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(92, 170, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 170, 65) }
```

Border

The CSS property to change the border of an element to Yxy 31.4064, 0.3227, 0.5134 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(92, 170, 65) }
```

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

```
.border{ border-color:rgb(92, 170, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 170, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 170, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 170, 65);  
box-shadow:4px 4px 4px 4px rgb(92, 170,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4064, 0.3227, 0.5134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 170, 65) }
```

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

```
.background{ background-color: rgb(92, 170,  
65) }
```

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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