

Converting Colors

Yxy(31.0160, 0.3413, 0.4393)

Have a look what the booklet for
Yxy(31.0160, 0.3413, 0.4393)
contains.

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Color

Yxy(31.1413, 0.3410, 0.4394)

Conversions

Conversions Part 1

Format	Color
Hex	83A15F
RGB	131, 161, 95
RGB Percent	51%, 63%, 37%
CMY	0.4864, 0.3686, 0.6274
CMYK	0.19, 0.00, 0.41, 0.37
HSL	87°, 26%, 50%
HSV	87°, 41%, 63%
XYZ	24.1675, 31.1413, 15.5636
YIQ	144.5060, 3.3060, -26.8860

Conversions

Conversions Part 2

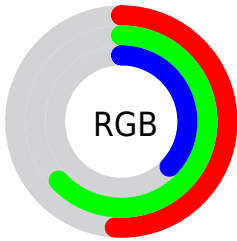
Format	Color
RYB	95, 161, 125
Decimal	8626527
CIELab	62.63, -22.15, 30.99
CIELCh	63, 38.091, 125.548
Yxy	31.1413, 0.3410, 0.4394
Android (android.graphics.Color)	4286816607 (0xFF83A15F)
YUV	144.5060, -24.4065, -11.8448
Hunter-Lab	55.8044, -20.3539, 22.5274

Details

The Yxy color **31.1413, 0.3410, 0.4394** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.1211, 0.2722, 0.2168**, and the grayscale version is **28.2031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5013, 0.3369, 0.4164**, and **12.8480, 0.3464, 0.4791** is the 20% darker color. If you saturate the color by 10%, you get **30.3151, 0.3460, 0.4680**, and if you desaturate by 10%, it is **32.0721, 0.3348, 0.4106**.

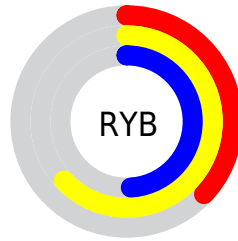
Distribution



Red (51%)

Green (63%)

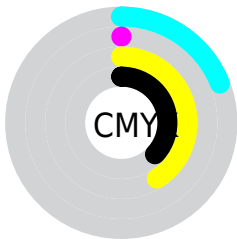
Blue (37%)



Red (37%)

Yellow (63%)

Blue (49%)

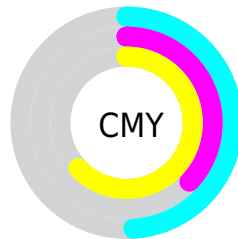


Cyan (19%)

Magenta (0%)

Yellow (41%)

Black (37%)



Cyan (49%)


Magenta (37%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.1413, 0.3410, 0.4394 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 31.1413, 0.3410, 0.4394 by changing the saturation by 10% instead.


 31.1413, 0.3410,
0.4394


 31.1413, 0.3410,
0.4394


307.1888, 0.3278,
0.3784

 20.7065, 0.3436,
0.4565

 61.4625, 0.3366,
0.4158


 12.9096, 0.3462,
0.4797


 82.1176, 0.3348,
0.4074

 7.3663, 0.3482,
0.5121


 106.9483, 0.3333,
0.4004

 3.6922, 0.3497,
0.5646

 136.3389, 0.3319,
0.3946

 1.5029, 0.3440,
0.6560

170.6739, 0.3307,
0.3896

 0.2908, 0.0000,
1.0000

210.3376, 0.3296,

 0.0000, 0.0000,

0.3854

0.0000

255.7144, 0.3286,
0.3817

■ 31.1413, 0.3410,
0.4394

■ 31.1413, 0.3410,
0.4394

■ 30.3151, 0.3460,
0.4680

■ 32.0721, 0.3348,
0.4106

■ 29.5849, 0.3495,
0.4951

■ 33.1077, 0.3280,
0.3826

■ 28.9469, 0.3510,
0.5195


■ 34.2534, 0.3207,
0.3561


■ 28.3954, 0.3504,
0.5398

■ 35.5130, 0.3134,
0.3314

■ 27.9240, 0.3475,
0.5551

■ 36.8900, 0.3063,
0.3087

 27.5555, 0.3436,
0.5654

 38.3879, 0.2994,
0.2882

 40.0097, 0.2928,
0.2696

 41.7587, 0.2867,
0.2531

 43.6378, 0.2809,
0.2382

Harmonies

Analogous

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



31.1413, 0.3953, 0.4298



31.1413, 0.3410, 0.4394



31.1413, 0.2819, 0.4100

Triad

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



31.1413, 0.3410, 0.4394



31.1413, 0.2070, 0.2512



31.1413, 0.3948, 0.3022

Complementary

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



31.1413, 0.3410, 0.4394



15.1211, 0.2722, 0.2168

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.



31.1413, 0.3361, 0.2640



31.1413, 0.3410, 0.4394



31.1413, 0.2303, 0.2346

Square

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



31.1413, 0.3410, 0.4394



31.1413, 0.2080, 0.2918



31.1413, 0.2757, 0.2399



31.1413, 0.4301, 0.3480

Rectangle

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



31.1413, 0.3410, 0.4394



31.1413, 0.2479, 0.3725



31.1413, 0.2757, 0.2399



31.1413, 0.3768, 0.2883

Sweetspot

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



31.1427, 0.3410, 0.4394



61.0737, 0.3216, 0.3592



22.9971, 0.3941, 0.3767



13.3390, 0.3225, 0.3623



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



31.1427, 0.3410, 0.4394



54.4355, 0.3456, 0.4649



28.9330, 0.3098, 0.4508



8.0763, 0.3195, 0.3517



22.0292, 0.3442, 0.5649



0.4905, 0.3716, 0.5431

Inverse Universe

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



15.1211, 0.2722, 0.2168



21.8471, 0.2607, 0.1903



17.9980, 0.3131, 0.2294



7.0104, 0.3055, 0.3063



3.2183, 0.1957, 0.0852



0.0956, 0.2386, 0.1088

Previews

White Background



This preview shows how the Yxy color 31.1413, 0.3410, 0.4394 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 31.1413, 0.3410, 0.4394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

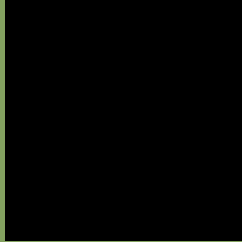
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.1413, 0.3410, 0.4394

Background



This preview shows how black text looks on a background with the Yxy color 31.1413, 0.3410, 0.4394.



This preview shows how white text looks on a background with the Yxy color 31.1413, 0.3410, 0.4394.

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

31.1413, 0.3410, 0.4394

Protanopia

30.8879, 0.3862, 0.4190

Deuteranopia

30.7925, 0.4020, 0.3928



Tritanopia

31.1618, 0.2905, 0.3104

Trichromacy



Original Color

31.1413, 0.3410, 0.4394

Protanomaly

30.9877, 0.3697, 0.4276

Deuteranomaly

30.4811, 0.3780, 0.4083

Tritanomaly

30.9887, 0.3086, 0.3550

Monochromacy



Original Color

31.1413, 0.3410, 0.4394

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

29.2410, 0.3242, 0.3686

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1413, 0.3410, 0.4394 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(131, 161, 95)` looks like.

```
.text, #text, p{  
    color:rgb(131, 161, 95)  
}
```

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(131, 161, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 161, 95) }
```

Border

The CSS property to change the border of an element to Yxy 31.1413, 0.3410, 0.4394 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(131, 161, 95) }
```

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

```
.border{ border-color:rgb(131, 161, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 161, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 161, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 161, 95);  
box-shadow:4px 4px 4px 4px rgb(131, 161,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1413, 0.3410, 0.4394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 161, 95) }
```

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

```
.background{ background-color: rgb(131,  
161, 95) }
```

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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