

Converting Colors

Yxy(31.4397, 0.3083, 0.4235)

Have a look what the booklet for
Yxy(31.4397, 0.3083, 0.4235)
contains.

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Color

Yxy(31.4375, 0.3083, 0.4236)

Conversions

Conversions Part 1

Format	Color
Hex	6FA56F
RGB	111, 165, 111
RGB Percent	44%, 65%, 44%
CMY	0.5647, 0.3529, 0.5648
CMYK	0.33, 0.00, 0.33, 0.35
HSL	120°, 23%, 54%
HSV	120°, 33%, 65%
XYZ	22.8805, 31.4375, 19.8971
YIQ	142.6980, -14.8500, -28.2420

Conversions

Conversions Part 2

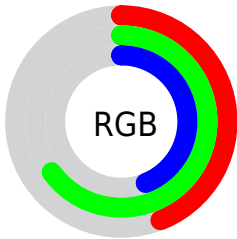
Format	Color
RYB	111, 165, 165
Decimal	7316847
CIELab	62.88, -28.94, 22.50
CIElCh	63, 36.658, 142.141
Yxy	31.4375, 0.3083, 0.4236
Android (android.graphics.Color)	4285506927 (0xFF6FA56F)
YUV	142.6980, -15.6271, -27.7991
Hunter-Lab	56.0692, -25.2794, 18.2084

Details

The Yxy color **31.4375, 0.3083, 0.4236** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.0797, 0.3164, 0.2496**, and the grayscale version is **27.4106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.7233, 0.3099, 0.4026**, and **13.1298, 0.3033, 0.4595** is the 20% darker color. If you saturate the color by 10%, you get **30.1353, 0.3067, 0.4583**, and if you desaturate by 10%, it is **33.0071, 0.3098, 0.3911**.

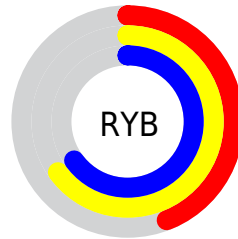
Distribution



Red (44%)

Green (65%)

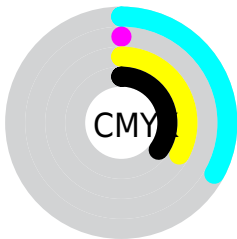
Blue (44%)



Red (44%)

Yellow (65%)

Blue (65%)

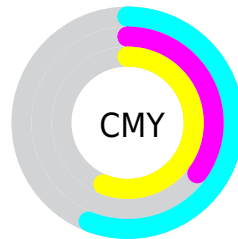


Cyan (33%)

Magenta (0%)

Yellow (33%)

Black (35%)



Cyan (56%)

Magenta (35%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4375, 0.3083, 0.4236 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 31.4375, 0.3083, 0.4236 by changing the saturation by 10% instead.

 31.4375, 0.3083,
0.4236


 31.4375, 0.3083,
0.4236


308.5488, 0.3120,
0.3708


 20.9322, 0.3066,
0.4389


 61.9282, 0.3101,
0.4029


 13.0745, 0.3040,
0.4599


 82.6824, 0.3107,
0.3956

 7.4798, 0.2992,
0.4905


 107.6218, 0.3111,
0.3896

 3.7640, 0.2897,
0.5384

 137.1306, 0.3114,
0.3846

 1.5424, 0.2959,
0.7041

171.5933, 0.3116,
0.3804

 0.3183, 0.0000,
1.0000

211.3944, 0.3118,

 0.0000, 0.0000,

0.3767

0.0000

256.9181, 0.3119,
0.3736

■ 31.4375, 0.3083,
0.4236

■ 31.4375, 0.3083,
0.4236

■ 30.1353, 0.3067,
0.4583

■ 33.0071, 0.3098,
0.3911

■ 29.0818, 0.3050,
0.4935

■ 34.8534, 0.3112,
0.3617

■ 28.2624, 0.3034,
0.5272


■ 36.9905, 0.3124,
0.3356

■ 27.6593, 0.3021,
0.5565


■ 39.4300, 0.3135,
0.3128

■ 27.2519, 0.3010,
0.5791

■ 42.1832, 0.3144,
0.2931


 27.0161, 0.3003,
0.5933

 45.2606, 0.3152,
0.2762

 26.9115, 0.3000,
0.6000

 48.6722, 0.3159,
0.2616

 52.4277, 0.3164,
0.2492

 55.3910, 0.3168,
0.2412

Harmonies

Analogous

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



31.4375, 0.3650, 0.4349



31.4375, 0.3083, 0.4236



31.4375, 0.2556, 0.3773

Triad

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



31.4375, 0.3083, 0.4236



31.4375, 0.2204, 0.2425



31.4375, 0.4141, 0.3274

Complementary

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



31.4375, 0.3083, 0.4236



22.0797, 0.3164, 0.2496

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.



31.4375, 0.3679, 0.2855



31.4375, 0.3083, 0.4236



31.4375, 0.2553, 0.2383

Square

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



31.4375, 0.3083, 0.4236



31.4375, 0.2083, 0.2691



31.4375, 0.3084, 0.2539



31.4375, 0.4293, 0.3727

Rectangle

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



31.4375, 0.3083, 0.4236



31.4375, 0.2295, 0.3372



31.4375, 0.3084, 0.2539



31.4375, 0.4015, 0.3127

Sweetspot

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



31.4388, 0.3083, 0.4236



63.3448, 0.3115, 0.3547



35.7344, 0.3613, 0.4076



13.7420, 0.3114, 0.3583



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.



31.4388, 0.3083, 0.4236



54.6255, 0.3072, 0.4476



32.0986, 0.2878, 0.3766



7.8952, 0.3116, 0.3522



20.3584, 0.3000, 0.6000



0.4278, 0.3001, 0.5999

Inverse Universe

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



22.0797, 0.3164, 0.2496



35.3275, 0.3172, 0.2334



21.2268, 0.3484, 0.2861



7.2020, 0.3137, 0.3068



8.1005, 0.3208, 0.1541



0.1703, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 31.4375, 0.3083, 0.4236 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 31.4375, 0.3083, 0.4236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

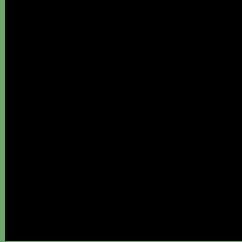
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4375, 0.3083, 0.4236

Background



This preview shows how black text looks on a background with the Yxy color 31.4375, 0.3083, 0.4236.



This preview shows how white text looks on a background with the Yxy color 31.4375, 0.3083, 0.4236.

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

31.4375, 0.3083, 0.4236

Protanopia

31.0457, 0.3718, 0.3990

Deuteranopia

30.9536, 0.3802, 0.3726



Tritanopia

31.4936, 0.2706, 0.3098

Trichromacy



Original Color

31.4375, 0.3083, 0.4236

Protanomaly

30.8582, 0.3470, 0.4084

Deuteranomaly

30.5414, 0.3515, 0.3891

Tritanomaly

31.5112, 0.2839, 0.3489

Monochromacy



Original Color

31.4375, 0.3083, 0.4236

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.5972, 0.3111, 0.3628

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4375, 0.3083, 0.4236 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(111, 165, 111)` looks like.

```
.text, #text, p{  
    color:rgb(111, 165, 111)  
}
```

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(111, 165, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 165, 111) }
```

Border

The CSS property to change the border of an element to Yxy 31.4375, 0.3083, 0.4236 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(111, 165, 111) }
```

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

```
.border{ border-color:rgb(111, 165, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 165, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 165, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 165, 111);  
box-shadow:4px 4px 4px 4px rgb(111, 165,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4375, 0.3083, 0.4236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 165, 111) }
```

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

```
.background{ background-color: rgb(111,  
165, 111) }
```

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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