

Converting Colors

$Y_{xy}(31.5869, 0.3758, 0.4197)$

Have a look what the booklet for
Yxy(31.5869, 0.3758, 0.4197)
contains.

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Color

Yxy(31.5145, 0.3763, 0.4188)

Conversions

Conversions Part 1

Format	Color
Hex	A19A5F
RGB	161, 154, 95
RGB Percent	63%, 60%, 37%
CMY	0.3687, 0.3960, 0.6274
CMYK	0.00, 0.04, 0.41, 0.37
HSL	54°, 26%, 50%
HSV	54°, 41%, 63%
XYZ	28.3164, 31.5145, 15.4186
YIQ	149.3670, 23.1110, -16.8650

Conversions

Conversions Part 2

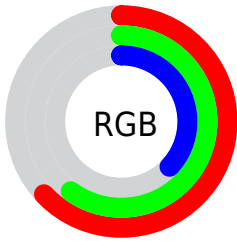
Format	Color
RYB	103, 161, 95
Decimal	10590815
CIELab	62.94, -6.32, 31.86
CIELCh	63, 32.477, 101.214
Yxy	31.5145, 0.3763, 0.4188
Android (android.graphics.Color)	4288780895 (0xFFA19A5F)
YUV	149.3670, -26.8029, 10.2021
Hunter-Lab	56.1378, -8.2041, 23.0120

Details

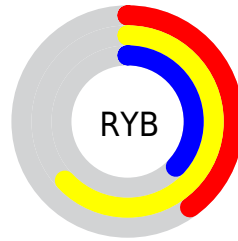
The Yxy color **31.5145, 0.3763, 0.4188** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.5044, 0.2406, 0.2195**, and the grayscale version is **30.3254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9388, 0.3648, 0.4010**, and **13.0939, 0.3948, 0.4477** is the 20% darker color. If you saturate the color by 10%, you get **30.6953, 0.3915, 0.4389**, and if you desaturate by 10%, it is **32.4051, 0.3605, 0.3972**.

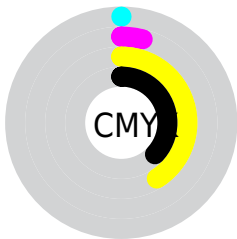
Distribution



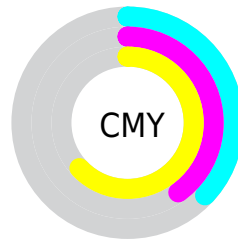
- Red (63%)
- Green (60%)
- Blue (37%)



- Red (40%)
- Yellow (63%)
- Blue (37%)



- Cyan (0%)
- Magenta (4%)
- Yellow (41%)
- Black (37%)



- Cyan (37%)
- Magenta (40%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.5145, 0.3763, 0.4188 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 31.5145, 0.3763, 0.4188 by changing the saturation by 10% instead.

31.5145, 0.3763,
0.4188

31.5145, 0.3763,
0.4188

308.9017, 0.3436,
0.3710

20.9909, 0.3844,
0.4314

62.0492, 0.3643,
0.4009

13.1174, 0.3946,
0.4477

82.8291, 0.3599,
0.3943

7.5094, 0.4073,
0.4694

107.7966, 0.3561,
0.3888

3.7827, 0.4258,
0.5027

137.3361, 0.3528,
0.3842

1.5528, 0.4485,
0.5515

171.8320, 0.3500,
0.3802

0.3254, 0.3228,
0.6772

211.6686, 0.3476,

0.0000, 0.0000,

0.3767

0.0000

257.2303, 0.3455,
0.3737

■ 31.5145, 0.3763,
0.4188

■ 31.5145, 0.3763,
0.4188

■ 30.6953, 0.3915,
0.4389

■ 32.4051, 0.3605,
0.3972

■ 29.9392, 0.4054,
0.4565

■ 33.3662, 0.3445,
0.3749

■ 29.2437, 0.4175,
0.4708

■ 34.4023, 0.3290,
0.3527

■ 28.6038, 0.4272,
0.4811

■ 35.5167, 0.3141,
0.3311

■ 28.0140, 0.4343,
0.4870

■ 36.7119, 0.3002,
0.3105

■ 27.5132, 0.4389,
0.4897

■ 37.9908, 0.2873,
0.2912

■ 39.3558, 0.2754,
0.2733

■ 40.8094, 0.2647,
0.2568

■ 42.3539, 0.2549,
0.2418

Harmonies

Analogous

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



31.5145, 0.4088, 0.3928



31.5145, 0.3763, 0.4188



31.5145, 0.3282, 0.4195

Triad

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



31.5145, 0.3763, 0.4188



31.5145, 0.2205, 0.2901



31.5145, 0.3430, 0.2784

Complementary

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



31.5145, 0.3763, 0.4188



14.5044, 0.2406, 0.2195

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.



31.5145, 0.2906, 0.2546



31.5145, 0.3763, 0.4188



31.5145, 0.2236, 0.2583

Square

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



31.5145, 0.3763, 0.4188



31.5145, 0.2395, 0.3384



31.5145, 0.2480, 0.2469



31.5145, 0.3900, 0.3137

Rectangle

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



31.5145, 0.3763, 0.4188



31.5145, 0.2941, 0.4022



31.5145, 0.2480, 0.2469



31.5145, 0.3253, 0.2689

Sweetspot

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



31.5159, 0.3763, 0.4188



61.3900, 0.3309, 0.3554



16.7344, 0.4017, 0.3168



13.4140, 0.3327, 0.3580



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.



31.5159, 0.3763, 0.4188



55.1379, 0.3899, 0.4369



31.5176, 0.3458, 0.4376



8.1088, 0.3264, 0.3489



22.0152, 0.4388, 0.4898



0.4967, 0.4309, 0.4961

Inverse Universe

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



14.5044, 0.2406, 0.2195



20.5434, 0.2227, 0.1909



14.7729, 0.2666, 0.2151



6.9748, 0.2987, 0.3083



2.4070, 0.1525, 0.0691



0.0841, 0.1630, 0.1068

Previews

White Background



This preview shows how the Yxy color 31.5145, 0.3763, 0.4188 looks on a white background.

Color Contrast Check

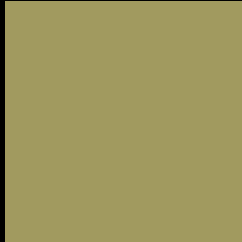
Large Text (above 18pt) WCAG AA × Fail

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 31.5145, 0.3763, 0.4188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

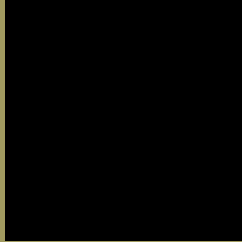
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5145, 0.3763, 0.4188

Background



This preview shows how black text looks on a background with the Yxy color 31.5145, 0.3763, 0.4188.



This preview shows how white text looks on a background with the Yxy color 31.5145, 0.3763, 0.4188.

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

31.5145, 0.3763, 0.4188

Protanopia

31.3716, 0.3840, 0.4157

Deuteranopia

31.3042, 0.4056, 0.3962



Tritanopia

31.3512, 0.3239, 0.3115

Trichromacy



Original Color

31.5145, 0.3763, 0.4188

Protanomaly

31.4831, 0.3811, 0.4178

Deuteranomaly

31.2544, 0.3957, 0.4041

Tritanomaly

31.2435, 0.3434, 0.3502

Monochromacy



Original Color

31.5145, 0.3763, 0.4188

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.4905, 0.3360, 0.3637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5145, 0.3763, 0.4188 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(161, 154, 95)` looks like.

```
.text, #text, p{  
    color:rgb(161, 154, 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(161, 154, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 154, 95) }
```

Border

The CSS property to change the border of an element to Yxy 31.5145, 0.3763, 0.4188 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(161, 154, 95) }
```

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

```
.border{ border-color:rgb(161, 154, 95) }
```

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

Here you see how a box with a 4 pixel rgb(161, 154, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 154, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 154, 95);  
box-shadow:4px 4px 4px 4px rgb(161, 154,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5145, 0.3763, 0.4188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 154, 95) }
```

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

```
.background{ background-color: rgb(161,  
154, 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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