

Converting Colors

$Yxy(30.6160, 0.3642, 0.4063)$

Have a look what the booklet for
Yxy(30.6160, 0.3642, 0.4063)
contains.

Yxy(30.5037, 0.3643, 0.4058)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(30.5037, 0.3643, 0.4058)

Conversions

Conversions Part 1

Format	Color
Hex	9C9867
RGB	156, 152, 103
RGB Percent	61%, 60%, 40%
CMY	0.3883, 0.4039, 0.5960
CMYK	0.00, 0.03, 0.34, 0.39
HSL	56°, 21%, 51%
HSV	56°, 34%, 61%
XYZ	27.3842, 30.5037, 17.2814
YIQ	147.6100, 18.1130, -14.3910

Conversions

Conversions Part 2

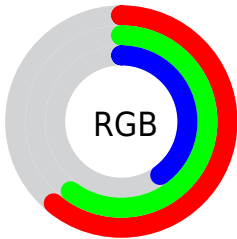
Format	Color
RYB	107, 156, 103
Decimal	10262631
CIELab	62.09, -6.34, 26.35
CIELCh	62, 27.099, 103.538
Yxy	30.5037, 0.3643, 0.4058
Android (android.graphics.Color)	4288452711 (0xFF9C9867)
YUV	147.6100, -21.9927, 7.3580
Hunter-Lab	55.2302, -8.1490, 20.1094

Details

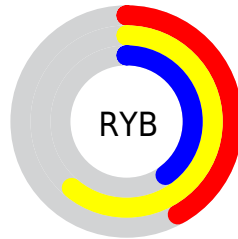
The Yxy color **30.5037, 0.3643, 0.4058** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.7970, 0.2544, 0.2384**, and the grayscale version is **29.5311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3581, 0.3539, 0.3895**, and **12.5263, 0.3807, 0.4315** is the 20% darker color. If you saturate the color by 10%, you get **29.8430, 0.3794, 0.4276**, and if you desaturate by 10%, it is **31.2293, 0.3488, 0.3831**.

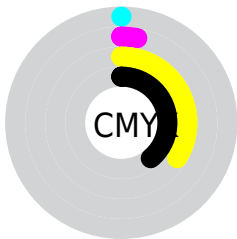
Distribution



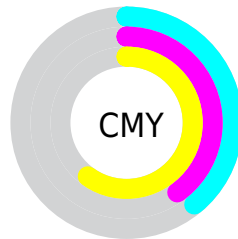
- Red (61%)
- Green (60%)
- Blue (40%)



- Red (42%)
- Yellow (61%)
- Blue (40%)



- Cyan (0%)
- Magenta (3%)
- Yellow (34%)
- Black (39%)





- Cyan (39%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5037, 0.3643, 0.4058 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 30.5037, 0.3643, 0.4058 by changing the saturation by 10% instead.


 30.5037, 0.3643,
0.4058


 30.5037, 0.3643,
0.4058


304.2453, 0.3374,
0.3645

 20.2212, 0.3712,
0.4170


 60.4578, 0.3543,
0.3901


 12.5560, 0.3800,
0.4318


 80.8983, 0.3506,
0.3844

 7.1235, 0.3915,
0.4522


 105.4935, 0.3475,
0.3797

 3.5395, 0.4067,
0.4816

 134.6280, 0.3449,
0.3757

 1.4194, 0.4471,
0.5529

168.6860, 0.3426,
0.3723

 0.2310, 0.2187,
0.7813

208.0519, 0.3407,

 0.0000, 0.0000,

0.3693

0.0000

253.1102, 0.3389,
0.3667

■ 30.5037, 0.3643,
0.4058

■ 30.5037, 0.3643,
0.4058

■ 29.8430, 0.3794,
0.4276

■ 31.2293, 0.3488,
0.3831

■ 29.2398, 0.3936,
0.4474

■ 32.0188, 0.3333,
0.3601

■ 28.6920, 0.4062,
0.4645


■ 32.8762, 0.3184,
0.3377

■ 28.1955, 0.4168,
0.4780


■ 33.8043, 0.3042,
0.3161

■ 27.7457, 0.4248,
0.4873

■ 34.8055, 0.2910,
0.2957

 27.3371, 0.4303,
0.4925

 35.8821, 0.2788,
0.2768

 27.1011, 0.4329,
0.4945

 37.0365, 0.2676,
0.2593

 38.2708, 0.2575,
0.2433

 39.5871, 0.2483,
0.2288

Harmonies

Analogous

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



30.5037, 0.3928, 0.3862



30.5037, 0.3643, 0.4058



30.5037, 0.3230, 0.4033

Triad

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



30.5037, 0.3643, 0.4058



30.5037, 0.2333, 0.2940



30.5037, 0.3420, 0.2878

Complementary

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



30.5037, 0.3643, 0.4058



15.7970, 0.2544, 0.2384

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.



30.5037, 0.2975, 0.2662



30.5037, 0.3643, 0.4058



30.5037, 0.2374, 0.2677

Square

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



30.5037, 0.3643, 0.4058



30.5037, 0.2486, 0.3340



30.5037, 0.2600, 0.2586



30.5037, 0.3803, 0.3191

Rectangle

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



30.5037, 0.3643, 0.4058



30.5037, 0.2943, 0.3875



30.5037, 0.2600, 0.2586



30.5037, 0.3271, 0.2793

Sweetspot

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



30.5051, 0.3643, 0.4058



58.7442, 0.3277, 0.3516



17.8409, 0.3831, 0.3219



12.8824, 0.3296, 0.3546



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



30.5051, 0.3643, 0.4058



54.4692, 0.3763, 0.4230



29.8100, 0.3388, 0.4182



7.6353, 0.3263, 0.3495



22.3524, 0.4328, 0.4946



0.4223, 0.4268, 0.4993

Inverse Universe

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



15.7970, 0.2544, 0.2384



23.4606, 0.2386, 0.2133



16.4705, 0.2784, 0.2373



6.5111, 0.2987, 0.3077



2.2096, 0.1518, 0.0663



0.0602, 0.1599, 0.0955

Previews

White Background



This preview shows how the Yxy color 30.5037, 0.3643, 0.4058 looks on a white background.

Color Contrast Check

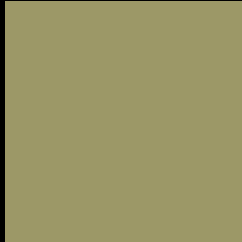
Large Text (above 18pt) WCAG AA × Fail

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 30.5037, 0.3643, 0.4058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

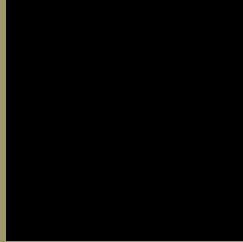
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5037, 0.3643, 0.4058

Background



This preview shows how black text looks on a background with the Yxy color 30.5037, 0.3643, 0.4058.



This preview shows how white text looks on a background with the Yxy color 30.5037, 0.3643, 0.4058.

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

30.5037, 0.3643, 0.4058

Protanopia

30.4534, 0.3730, 0.4027

Deuteranopia

30.5501, 0.3924, 0.3853



Tritanopia

30.3665, 0.3188, 0.3111

Trichromacy



Original Color

30.5037, 0.3643, 0.4058

Protanomaly

30.5661, 0.3702, 0.4047

Deuteranomaly

30.5248, 0.3827, 0.3930

Tritanomaly

30.4595, 0.3362, 0.3459

Monochromacy



Original Color

30.5037, 0.3643, 0.4058

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.7401, 0.3313, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5037, 0.3643, 0.4058 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(156, 152, 103)` looks like.

```
.text, #text, p{  
    color:rgb(156, 152, 103)  
}
```

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(156, 152, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 152, 103) }
```

Border

The CSS property to change the border of an element to Yxy 30.5037, 0.3643, 0.4058 is called "border". The border property can be set on classes, ids or directly on the HTML element.

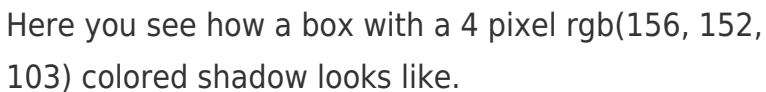
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 152, 103) }
```

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

```
.border{ border-color:rgb(156, 152, 103) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 152, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 152, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 152, 103); box-shadow:4px 4px 4px 4px rgb(156, 152, 103) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5037, 0.3643, 0.4058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 152, 103) }
```

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

```
.background{ background-color: rgb(156,  
152, 103) }
```

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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