

Converting Colors

Yxy(30.9184, 0.3731, 0.4143)

Have a look what the booklet for
Yxy(30.9184, 0.3731, 0.4143)
contains.

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Color

Yxy(31.0165, 0.3728, 0.4153)

Conversions

Conversions Part 1

Format	Color
Hex	9F9961
RGB	159, 153, 97
RGB Percent	62%, 60%, 38%
CMY	0.3766, 0.3999, 0.6196
CMYK	0.00, 0.04, 0.39, 0.38
HSL	54°, 24%, 50%
HSV	54°, 39%, 62%
XYZ	27.8424, 31.0165, 15.8257
YIQ	148.4100, 21.5520, -16.1440

Conversions

Conversions Part 2

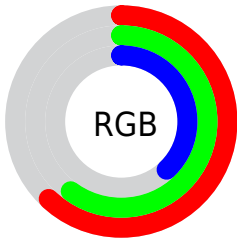
Format	Color
RYB	104, 159, 97
Decimal	10459489
CIELab	62.52, -6.39, 30.23
CIElCh	63, 30.894, 101.932
Yxy	31.0165, 0.3728, 0.4153
Android (android.graphics.Color)	4288649569 (0xFF9F9961)
YUV	148.4100, -25.3451, 9.2874
Hunter-Lab	55.6925, -8.2241, 22.1368

Details

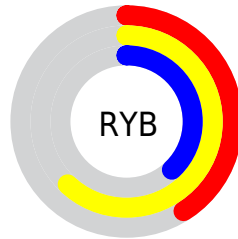
The Yxy color **31.0165, 0.3728, 0.4153** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.7331, 0.2445, 0.2248**, and the grayscale version is **29.8947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2108, 0.3621, 0.3980**, and **12.7887, 0.3903, 0.4437** is the 20% darker color. If you saturate the color by 10%, you get **30.2534, 0.3880, 0.4359**, and if you desaturate by 10%, it is **31.8483, 0.3571, 0.3933**.

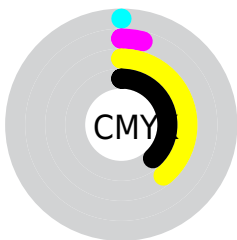
Distribution



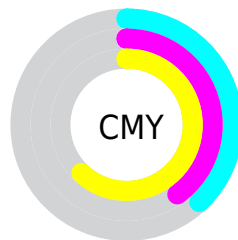
- Red (62%)
- Green (60%)
- Blue (38%)



- Red (41%)
- Yellow (62%)
- Blue (38%)



- Cyan (0%)
- Magenta (4%)
- Yellow (39%)
- Black (38%)





- Cyan (38%)
- Magenta (40%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0165, 0.3728, 0.4153 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 31.0165, 0.3728, 0.4153 by changing the saturation by 10% instead.


 31.0165, 0.3728,
0.4153


 31.0165, 0.3728,
0.4153


306.6143, 0.3417,
0.3692

 20.6114, 0.3806,
0.4276


 61.2660, 0.3614,
0.3979

 12.8403, 0.3904,
0.4436


 81.8793, 0.3571,
0.3916

 7.3186, 0.4029,
0.4652


 106.6641, 0.3535,
0.3863

 3.6622, 0.4205,
0.4977

 136.0047, 0.3505,
0.3818

 1.4864, 0.4475,
0.5525

170.2857, 0.3478,
0.3780

 0.2792, 0.2815,
0.7185

209.8913, 0.3455,

 0.0000, 0.0000,

0.3746

0.0000

255.2061, 0.3435,
0.3717

■ 31.0165, 0.3728,
0.4153

■ 31.0165, 0.3728,
0.4153

■ 30.2534, 0.3880,
0.4359

■ 31.8483, 0.3571,
0.3933

■ 29.5511, 0.4020,
0.4542

■ 32.7477, 0.3413,
0.3708

■ 28.9071, 0.4142,
0.4693

■ 33.7194, 0.3259,
0.3485

■ 28.3169, 0.4241,
0.4806

■ 34.7661, 0.3113,
0.3269

■ 27.7752, 0.4314,
0.4875

■ 35.8906, 0.2975,
0.3063

■ 27.2712, 0.4365,
0.4909

■ 37.0954, 0.2848,
0.2871

■ 27.2210, 0.4370,
0.4912

■ 38.3829, 0.2732,
0.2693

■ 39.7554, 0.2626,
0.2530

■ 41.2152, 0.2530,
0.2380

Harmonies

Analogous

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



31.0165, 0.4043, 0.3912



31.0165, 0.3728, 0.4153



31.0165, 0.3265, 0.4149

Triad

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



31.0165, 0.3728, 0.4153



31.0165, 0.2240, 0.2910



31.0165, 0.3430, 0.2812

Complementary

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



31.0165, 0.3728, 0.4153



14.7331, 0.2445, 0.2248

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.



31.0165, 0.2927, 0.2579



31.0165, 0.3728, 0.4153



31.0165, 0.2274, 0.2608

Square

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



31.0165, 0.3728, 0.4153



31.0165, 0.2419, 0.3369



31.0165, 0.2514, 0.2501



31.0165, 0.3875, 0.3154

Rectangle

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



31.0165, 0.3728, 0.4153



31.0165, 0.2940, 0.3979



31.0165, 0.2514, 0.2501



31.0165, 0.3261, 0.2719

Sweetspot

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



31.0179, 0.3728, 0.4153



59.8337, 0.3308, 0.3557



16.8986, 0.3970, 0.3191



13.4418, 0.3327, 0.3583



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.



31.0179, 0.3728, 0.4153



54.3467, 0.3864, 0.4338



30.7325, 0.3434, 0.4323



7.6113, 0.3263, 0.3490



21.5417, 0.4369, 0.4913



0.4136, 0.4291, 0.4975

Inverse Universe

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



14.7331, 0.2445, 0.2248



20.9110, 0.2266, 0.1962



15.1714, 0.2707, 0.2217



6.5328, 0.2987, 0.3081



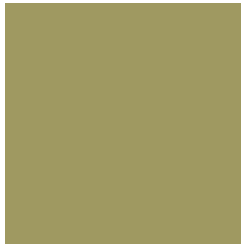
2.2839, 0.1523, 0.0683



0.0673, 0.1624, 0.1047

Previews

White Background



This preview shows how the Yxy color 31.0165, 0.3728, 0.4153 looks on a white background.

Color Contrast Check

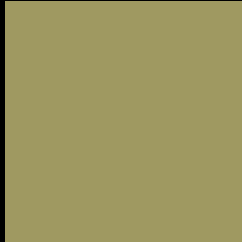
Large Text (above 18pt) WCAG AA × Fail

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 31.0165, 0.3728, 0.4153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

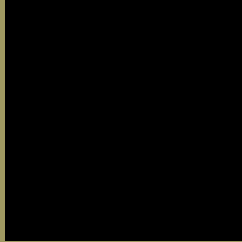
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0165, 0.3728, 0.4153

Background



This preview shows how black text looks on a background with the Yxy color 31.0165, 0.3728, 0.4153.



This preview shows how white text looks on a background with the Yxy color 31.0165, 0.3728, 0.4153.

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

31.0165, 0.3728, 0.4153

Protanopia

30.9771, 0.3816, 0.4119

Deuteranopia

31.0967, 0.4014, 0.3941



Tritanopia

31.0991, 0.3228, 0.3129

Trichromacy



Original Color

31.0165, 0.3728, 0.4153

Protanomaly

31.0875, 0.3788, 0.4140

Deuteranomaly

31.0603, 0.3915, 0.4020

Tritanomaly

31.0307, 0.3412, 0.3503

Monochromacy



Original Color

31.0165, 0.3728, 0.4153

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.0731, 0.3352, 0.3623

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0165, 0.3728, 0.4153 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(159, 153, 97)` looks like.

```
.text, #text, p{  
    color:rgb(159, 153, 97)  
}
```

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(159, 153, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 153, 97) }
```

Border

The CSS property to change the border of an element to Yxy 31.0165, 0.3728, 0.4153 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(159, 153, 97) }
```

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

```
.border{ border-color:rgb(159, 153, 97) }
```

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

Here you see how a box with a 4 pixel rgb(159, 153, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 153, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 153, 97);  
box-shadow:4px 4px 4px 4px rgb(159, 153,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0165, 0.3728, 0.4153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 153, 97) }
```

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

```
.background{ background-color: rgb(159,  
153, 97) }
```

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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