

Converting Colors

$Y_{xy}(30.4025, 0.3631, 0.3894)$

Have a look what the booklet for
Yxy(30.4025, 0.3631, 0.3894)
contains.

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Color

Yxy(30.5375, 0.3630, 0.3893)

Conversions

Conversions Part 1

Format	Color
Hex	A1966F
RGB	161, 150, 111
RGB Percent	63%, 59%, 44%
CMY	0.3686, 0.4118, 0.5647
CMYK	0.00, 0.07, 0.31, 0.37
HSL	47°, 21%, 53%
HSV	47°, 31%, 63%
XYZ	28.4745, 30.5375, 19.4301
YIQ	148.8430, 19.0750, -9.7970

Conversions

Conversions Part 2

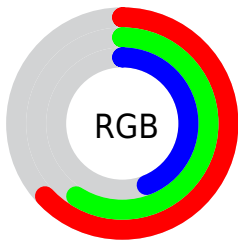
Format	Color
RYB	125, 161, 111
Decimal	10589807
CIELab	62.12, -2.14, 22.08
CIElCh	62, 22.186, 95.541
Yxy	30.5375, 0.3630, 0.3893
Android (android.graphics.Color)	4288779887 (0xFFA1966F)
YUV	148.8430, -18.6566, 10.6617
Hunter-Lab	55.2607, -4.7297, 17.8357

Details

The Yxy color **30.5375, 0.3630, 0.3893** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.8716, 0.2614, 0.2604**, and the grayscale version is **30.0602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.4290, 0.3526, 0.3770**, and **12.5338, 0.3799, 0.4082** is the 20% darker color. If you saturate the color by 10%, you get **29.1018, 0.3808, 0.4087**, and if you desaturate by 10%, it is **32.0741, 0.3458, 0.3695**.

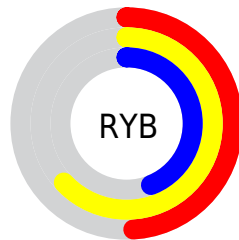
Distribution



Red (63%)

Green (59%)

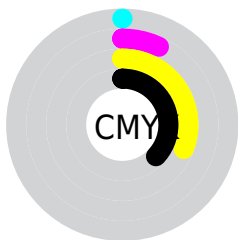
Blue (44%)



Red (49%)

Yellow (63%)

Blue (44%)

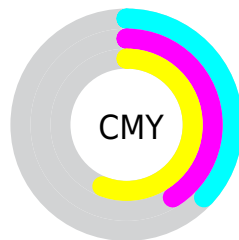


Cyan (0%)

Magenta (7%)

Yellow (31%)

Black (37%)



Cyan (37%)


Magenta (41%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5375, 0.3630, 0.3893 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 30.5375, 0.3630, 0.3893 by changing the saturation by 10% instead.

 30.5375, 0.3630,
0.3893


 30.5375, 0.3630,
0.3893


304.4019, 0.3364,
0.3571


 20.2469, 0.3700,
0.3980


 60.5112, 0.3530,
0.3771


 12.5747, 0.3793,
0.4095


 80.9631, 0.3494,
0.3727

 7.1363, 0.3918,
0.4252


 105.5708, 0.3463,
0.3690

 3.5475, 0.4093,
0.4479

 134.7189, 0.3437,
0.3659

 1.4238, 0.4739,
0.5261

168.7916, 0.3415,
0.3632

 0.2342, 0.4210,
0.5790

208.1735, 0.3396,

 0.0000, 0.0000,

0.3609

0.0000

253.2487, 0.3379,
0.3589

■ 30.5375, 0.3630,
0.3893

■ 30.5375, 0.3630,
0.3893

■ 29.1018, 0.3808,
0.4087

■ 32.0741, 0.3458,
0.3695

■ 27.7591, 0.3985,
0.4269

■ 33.7110, 0.3295,
0.3499

■ 26.5067, 0.4157,
0.4429

■ 35.4527, 0.3143,
0.3310

■ 25.3402, 0.4314,
0.4558

■ 37.3023, 0.3003,
0.3130

■ 24.2544, 0.4450,
0.4646

■ 39.2628, 0.2876,
0.2963

■ 23.2436, 0.4559,
0.4689

■ 41.3370, 0.2761,
0.2808

■ 22.3916, 0.4639,
0.4699

■ 43.5274, 0.2657,
0.2665

■ 45.8368, 0.2564,
0.2534

■ 48.2093, 0.2486,
0.2423

Harmonies

Analogous

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



30.5375, 0.3817, 0.3705



30.5375, 0.3630, 0.3893



30.5375, 0.3312, 0.3918

Triad

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



30.5375, 0.3630, 0.3893



30.5375, 0.2488, 0.3088



30.5375, 0.3272, 0.2891

Complementary

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



30.5375, 0.3630, 0.3893



19.8716, 0.2614, 0.2604

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.



30.5375, 0.2913, 0.2738



30.5375, 0.3630, 0.3893



30.5375, 0.2478, 0.2832

Square

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



30.5375, 0.3630, 0.3893



30.5375, 0.2658, 0.3428



30.5375, 0.2628, 0.2713



30.5375, 0.3608, 0.3137

Rectangle

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



30.5375, 0.3630, 0.3893



30.5375, 0.3073, 0.3823



30.5375, 0.2628, 0.2713



30.5375, 0.3150, 0.2828

Sweetspot

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



30.5389, 0.3630, 0.3893



60.9428, 0.3265, 0.3462



20.3670, 0.3649, 0.3105



13.2738, 0.3286, 0.3489



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.



30.5389, 0.3630, 0.3893



52.9605, 0.3747, 0.4023



32.9056, 0.3445, 0.4083



7.9716, 0.3267, 0.3464



17.9432, 0.4634, 0.4702



0.4391, 0.4448, 0.4851

Inverse Universe

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



19.8716, 0.2614, 0.2604



30.9110, 0.2491, 0.2428



18.2507, 0.2734, 0.2437



7.1010, 0.2987, 0.3110



3.0874, 0.1572, 0.0858



0.1285, 0.1748, 0.1491

Previews

White Background



This preview shows how the Yxy color 30.5375, 0.3630, 0.3893 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 30.5375, 0.3630, 0.3893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

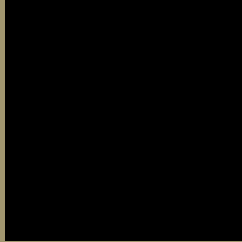
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

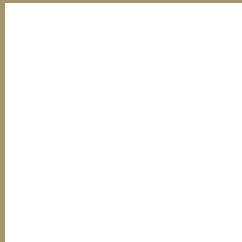
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.5375, 0.3630, 0.3893

Background



This preview shows how black text looks on a background with the Yxy color 30.5375, 0.3630, 0.3893.



This preview shows how white text looks on a background with the Yxy color 30.5375, 0.3630, 0.3893.

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

30.5375, 0.3630, 0.3893

Protanopia

30.5375, 0.3630, 0.3893

Deuteranopia

30.4635, 0.3828, 0.3758



Tritanopia

30.4201, 0.3251, 0.3128

Trichromacy



Original Color

30.5375, 0.3630, 0.3893

Protanomaly

30.5375, 0.3630, 0.3893

Deuteranomaly

30.3855, 0.3750, 0.3798

Tritanomaly

30.3144, 0.3389, 0.3397

Monochromacy



Original Color

30.5375, 0.3630, 0.3893

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.0165, 0.3305, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5375, 0.3630, 0.3893 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, 150, 111)` looks like.

```
.text, #text, p{  
    color:rgb(161, 150, 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(161, 150, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 150, 111) }
```

Border

The CSS property to change the border of an element to Yxy 30.5375, 0.3630, 0.3893 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, 150, 111) }
```

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

```
.border{ border-color:rgb(161, 150, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 150, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 150, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 150, 111);  
box-shadow:4px 4px 4px 4px rgb(161, 150,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5375, 0.3630, 0.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 150, 111) }
```

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

```
.background{ background-color: rgb(161,  
150, 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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