

Converting Colors

$Yxy(30.5779, 0.3940, 0.4052)$

Have a look what the booklet for
Yxy(30.5779, 0.3940, 0.4052)
contains.

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Color

Yxy(30.5779, 0.3940, 0.4052)

Conversions

Conversions Part 1

Format	Color
Hex	AD935F
RGB	173, 147, 95
RGB Percent	68%, 58%, 37%
CMY	0.3215, 0.4235, 0.6276
CMYK	0.00, 0.15, 0.45, 0.32
HSL	40°, 32%, 53%
HSV	40°, 45%, 68%
XYZ	29.7327, 30.5779, 15.1531
YIQ	148.8460, 32.1880, -10.6600

Conversions

Conversions Part 2

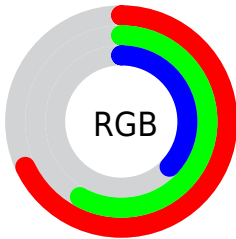
Format	Color
RYB	134, 173, 95
Decimal	11375455
CIELab	62.15, 2.57, 31.10
CIELCh	62, 31.203, 85.282
Yxy	30.5779, 0.3940, 0.4052
Android (android.graphics.Color)	4289565535 (0xFFAD935F)
YUV	148.8460, -26.5461, 21.1831
Hunter-Lab	55.2973, -0.7929, 22.4609

Details

The Yxy color **30.5779, 0.3940, 0.4052** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.1157, 0.2374, 0.2377**, and the grayscale version is **30.0901, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6716, 0.3783, 0.3909**, and **12.6766, 0.4194, 0.4289** is the 20% darker color. If you saturate the color by 10%, you get **28.5508, 0.4148, 0.4206**, and if you desaturate by 10%, it is **32.7676, 0.3737, 0.3884**.

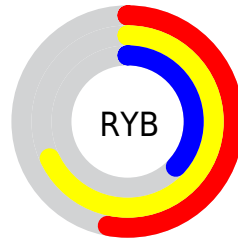
Distribution



Red (68%)

Green (58%)

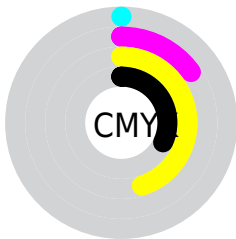
Blue (37%)



Red (53%)

Yellow (68%)

Blue (37%)

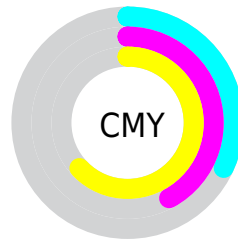


Cyan (0%)

Magenta (15%)

Yellow (45%)

Black (32%)



Cyan (32%)

Magenta (42%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5779, 0.3940, 0.4052 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 30.5779, 0.3940, 0.4052 by changing the saturation by 10% instead.


 30.5779, 0.3940,
0.4052


 30.5779, 0.3940,
0.4052


304.5890, 0.3512,
0.3656

 20.2776, 0.4051,
0.4152


 60.5749, 0.3781,
0.3906


 12.5970, 0.4193,
0.4278


 81.0404, 0.3722,
0.3852

 7.1517, 0.4378,
0.4439


 105.6632, 0.3673,
0.3806

 3.5571, 0.4663,
0.4684

 134.8275, 0.3631,
0.3767

 1.4290, 0.5030,
0.4970

168.9179, 0.3595,
0.3734

 0.2380, 0.5483,
0.4517

208.3187, 0.3563,

 0.0000, 0.0000,

0.3704

0.0000

253.4142, 0.3536,
0.3679

■ 30.5779, 0.3940,
0.4052

■ 30.5779, 0.3940,
0.4052

■ 28.5508, 0.4148,
0.4206

■ 32.7676, 0.3737,
0.3884

■ 26.6760, 0.4354,
0.4335

■ 35.1211, 0.3545,
0.3711

■ 24.9483, 0.4548,
0.4430

■ 37.6450, 0.3367,
0.3538

■ 23.3604, 0.4721,
0.4479

■ 40.3442, 0.3204,
0.3372

■ 21.9033, 0.4863,
0.4479

■ 43.2232, 0.3057,
0.3214

■ 21.2292, 0.4928,
0.4469

■ 46.2865, 0.2926,
0.3066

■ 49.5382, 0.2808,
0.2930

■ 52.9825, 0.2704,
0.2804

■ 56.6231, 0.2611,
0.2688

Harmonies

Analogous

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



30.5779, 0.4127, 0.3722



30.5779, 0.3940, 0.4052



30.5779, 0.3538, 0.4201

Triad

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



30.5779, 0.3940, 0.4052



30.5779, 0.2302, 0.3149



30.5779, 0.3147, 0.2657

Complementary

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



30.5779, 0.3940, 0.4052



19.1157, 0.2374, 0.2377

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.



30.5779, 0.2674, 0.2504



30.5779, 0.3940, 0.4052



30.5779, 0.2217, 0.2744

Square

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



30.5779, 0.3940, 0.4052



30.5779, 0.2595, 0.3652



30.5779, 0.2346, 0.2526



30.5779, 0.3653, 0.2949

Rectangle

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



30.5779, 0.3940, 0.4052



30.5779, 0.3211, 0.4143



30.5779, 0.2346, 0.2526



30.5779, 0.2979, 0.2588

Sweetspot

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



30.5793, 0.3940, 0.4052



67.8197, 0.3352, 0.3524



18.4433, 0.3898, 0.2902



14.5265, 0.3388, 0.3559



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



30.5793, 0.3940, 0.4052



51.1864, 0.4145, 0.4204



38.1889, 0.3654, 0.4429



8.8737, 0.3270, 0.3441



15.7028, 0.4918, 0.4477



0.5318, 0.4650, 0.4690

Inverse Universe

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



19.1157, 0.2374, 0.2377



28.1257, 0.2202, 0.2133



14.3822, 0.2421, 0.1955



8.1770, 0.2986, 0.3135



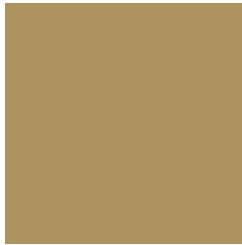
4.5088, 0.1641, 0.1106



0.2277, 0.1818, 0.1746

Previews

White Background



This preview shows how the Yxy color 30.5779, 0.3940, 0.4052 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 30.5779, 0.3940, 0.4052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

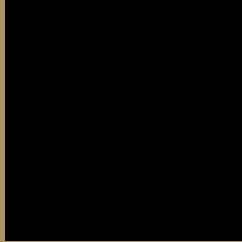
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5779, 0.3940, 0.4052

Background



This preview shows how black text looks on a background with the Yxy color 30.5779, 0.3940, 0.4052.



This preview shows how white text looks on a background with the Yxy color 30.5779, 0.3940, 0.4052.

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

30.5779, 0.3940, 0.4052

Protanopia

30.5497, 0.3810, 0.4109

Deuteranopia

30.6148, 0.4040, 0.3971



Tritanopia

30.5742, 0.3440, 0.3135

Trichromacy



Original Color

30.5779, 0.3940, 0.4052

Protanomaly

30.5549, 0.3850, 0.4085

Deuteranomaly

30.5603, 0.3999, 0.3994

Tritanomaly

30.6307, 0.3627, 0.3466

Monochromacy



Original Color

30.5779, 0.3940, 0.4052

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.0339, 0.3422, 0.3586

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5779, 0.3940, 0.4052 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(173, 147, 95)` looks like.

```
.text, #text, p{  
    color:rgb(173, 147, 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(173, 147, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 147, 95) }
```

Border

The CSS property to change the border of an element to Yxy 30.5779, 0.3940, 0.4052 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(173, 147, 95) }
```

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

```
.border{ border-color:rgb(173, 147, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 147, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 147, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 147, 95);  
box-shadow:4px 4px 4px 4px rgb(173, 147,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5779, 0.3940, 0.4052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 147, 95) }
```

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

```
.background{ background-color: rgb(173,  
147, 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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