

Converting Colors

$Y_{xy}(30.1209, 0.3547, 0.3921)$

Have a look what the booklet for
Yxy(30.1209, 0.3547, 0.3921)
contains.

Yxy(30.1509, 0.3548, 0.3924)	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(30.1509, 0.3548, 0.3924)

Conversions

Conversions Part 1

Format	Color
Hex	9A976F
RGB	154, 151, 111
RGB Percent	60%, 59%, 44%
CMY	0.3961, 0.4078, 0.5647
CMYK	0.00, 0.02, 0.28, 0.40
HSL	56°, 18%, 52%
HSV	56°, 28%, 60%
XYZ	27.2618, 30.1509, 19.4244
YIQ	147.3370, 14.6280, -11.8040

Conversions

Conversions Part 2

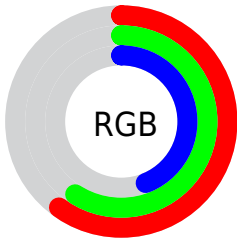
Format	Color
RYB	114, 154, 111
Decimal	10131311
CIELab	61.78, -5.53, 21.52
CIELCh	62, 22.223, 104.419
Yxy	30.1509, 0.3548, 0.3924
Android (android.graphics.Color)	4288321391 (0xFF9A976F)
YUV	147.3370, -17.9141, 5.8435
Hunter-Lab	54.9098, -7.4699, 17.4630

Details

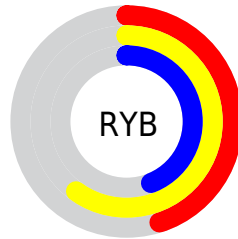
The Yxy color **30.1509, 0.3548, 0.3924** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.7477, 0.2661, 0.2565**, and the grayscale version is **29.3960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8623, 0.3466, 0.3791**, and **12.2980, 0.3677, 0.4136** is the 20% darker color. If you saturate the color by 10%, you get **29.4985, 0.3701, 0.4149**, and if you desaturate by 10%, it is **30.8676, 0.3393, 0.3694**.

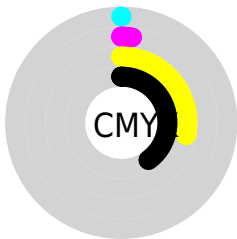
Distribution



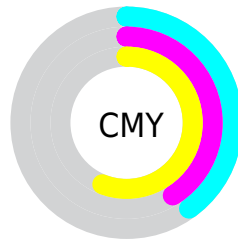
- Red (60%)
- Green (59%)
- Blue (44%)



- Red (45%)
- Yellow (60%)
- Blue (44%)



- Cyan (0%)
- Magenta (2%)
- Yellow (28%)
- Black (40%)





- Cyan (40%)
- Magenta (41%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1509, 0.3548, 0.3924 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 30.1509, 0.3548, 0.3924 by changing the saturation by 10% instead.


 30.1509, 0.3548,
0.3924


 30.1509, 0.3548,
0.3924


 302.6072, 0.3326,
0.3581


 19.9532, 0.3606,
0.4018


 59.9007, 0.3465,
0.3793

 12.3610, 0.3682,
0.4144


 80.2216, 0.3435,
0.3746

 6.9900, 0.3784,
0.4320


 104.6857, 0.3409,
0.3707

 3.4559, 0.3924,
0.4579

 133.6773, 0.3388,
0.3674

 1.3741, 0.4520,
0.5480

 167.5808, 0.3369,
0.3646

 0.1975, 0.2105,
0.7895

 206.7807, 0.3353,

 0.0000, 0.0000,

0.3621

0.0000

251.6614, 0.3339,
0.3600

■ 30.1509, 0.3548,
0.3924

■ 30.1509, 0.3548,
0.3924

■ 29.4985, 0.3701,
0.4149

■ 30.8676, 0.3393,
0.3694

■ 28.9034, 0.3849,
0.4361

■ 31.6473, 0.3242,
0.3466

■ 28.3637, 0.3984,
0.4550

■ 32.4941, 0.3098,
0.3245

■ 27.8756, 0.4101,
0.4708

■ 33.4104, 0.2962,
0.3035

■ 27.4352, 0.4195,
0.4828

■ 34.3985, 0.2835,
0.2839

■ 27.0377, 0.4264,
0.4905

■ 35.4606, 0.2719,
0.2658

■ 26.6745, 0.4309,
0.4946

■ 36.5989, 0.2614,
0.2491

■ 26.6001, 0.4318,
0.4953

■ 37.8154, 0.2518,
0.2339

■ 39.1121, 0.2431,
0.2201

Harmonies

Analogous

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



30.1509, 0.3784, 0.3776



30.1509, 0.3548, 0.3924



30.1509, 0.3207, 0.3890

Triad

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



30.1509, 0.3548, 0.3924



30.1509, 0.2464, 0.2998



30.1509, 0.3381, 0.2954

Complementary

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



30.1509, 0.3548, 0.3924



17.7477, 0.2661, 0.2565

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.



30.1509, 0.3015, 0.2769



30.1509, 0.3548, 0.3924



30.1509, 0.2503, 0.2779

Square

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



30.1509, 0.3548, 0.3924



30.1509, 0.2589, 0.3324



30.1509, 0.2698, 0.2703



30.1509, 0.3689, 0.3221

Rectangle

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



30.1509, 0.3548, 0.3924



30.1509, 0.2968, 0.3757



30.1509, 0.2698, 0.2703



30.1509, 0.3259, 0.2881

Sweetspot

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



30.1523, 0.3548, 0.3924



57.4581, 0.3246, 0.3471



19.4691, 0.3666, 0.3232



12.9579, 0.3267, 0.3503



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.



30.1523, 0.3548, 0.3924



54.0824, 0.3637, 0.4055



29.4986, 0.3344, 0.4012



7.1493, 0.3262, 0.3495



21.6949, 0.4317, 0.4954



0.3433, 0.4257, 0.5002

Inverse Universe

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



17.7477, 0.2661, 0.2565



28.0247, 0.2549, 0.2389



18.3650, 0.2857, 0.2552



6.0919, 0.2988, 0.3076



2.1126, 0.1517, 0.0660



0.0477, 0.1595, 0.0943

Previews

White Background



This preview shows how the Yxy color 30.1509, 0.3548, 0.3924 looks on a white background.

Color Contrast Check

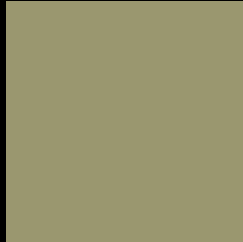
Large Text (above 18pt) WCAG AA × Fail

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 30.1509, 0.3548, 0.3924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

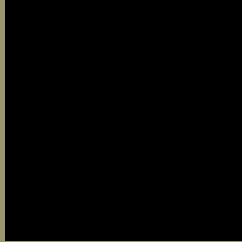
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1509, 0.3548, 0.3924

Background



This preview shows how black text looks on a background with the Yxy color 30.1509, 0.3548, 0.3924.



This preview shows how white text looks on a background with the Yxy color 30.1509, 0.3548, 0.3924.

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

30.1509, 0.3548, 0.3924

Protanopia

30.0943, 0.3633, 0.3896

Deuteranopia

30.0673, 0.3811, 0.3731



Tritanopia

30.1247, 0.3177, 0.3125

Trichromacy



Original Color

30.1509, 0.3548, 0.3924

Protanomaly

30.2076, 0.3606, 0.3916

Deuteranomaly

30.0525, 0.3716, 0.3805

Tritanomaly

30.0300, 0.3312, 0.3398

Monochromacy



Original Color

30.1509, 0.3548, 0.3924

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.3851, 0.3285, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1509, 0.3548, 0.3924 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(154, 151, 111)` looks like.

```
.text, #text, p{  
    color:rgb(154, 151, 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(154, 151, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 151, 111) }
```

Border

The CSS property to change the border of an element to Yxy 30.1509, 0.3548, 0.3924 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(154, 151, 111) }
```

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

```
.border{ border-color:rgb(154, 151, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 151, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 151, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 151, 111);  
box-shadow:4px 4px 4px 4px rgb(154, 151,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1509, 0.3548, 0.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 151, 111) }
```

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

```
.background{ background-color: rgb(154,  
151, 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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