

Converting Colors

$Yxy(30.1753, 0.3887, 0.4900)$

Have a look what the booklet for
Yxy(30.1753, 0.3887, 0.4900)
contains.

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Color

Yxy(30.1753, 0.3887, 0.4900)

Conversions

Conversions Part 1

Format	Color
Hex	8F9D31
RGB	143, 157, 49
RGB Percent	56%, 62%, 19%
CMY	0.4393, 0.3843, 0.8078
CMYK	0.09, 0.00, 0.69, 0.38
HSL	68°, 52%, 40%
HSV	68°, 69%, 62%
XYZ	23.9370, 30.1753, 7.4699
YIQ	140.5020, 26.3240, -36.5560

Conversions

Conversions Part 2

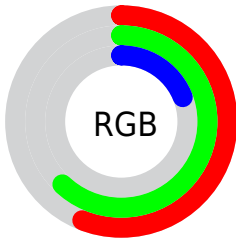
Format	Color
RYB	49, 157, 63
Decimal	9411889
CIELab	61.81, -19.61, 52.27
CIELCh	62, 55.831, 110.568
Yxy	30.1753, 0.3887, 0.4900
Android (android.graphics.Color)	4287601969 (0xFF8F9D31)
YUV	140.5020, -45.1105, 2.1907
Hunter-Lab	54.9320, -18.3485, 30.3899

Details

The Yxy color **30.1753, 0.3887, 0.4900** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5.6907, 0.1947, 0.1200**, and the grayscale version is **26.6031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.6900, 0.3776, 0.4576**, and **12.4319, 0.3927, 0.5264** is the 20% darker color. If you saturate the color by 10%, you get **29.8860, 0.3938, 0.5048**, and if you desaturate by 10%, it is **30.5168, 0.3812, 0.4713**.

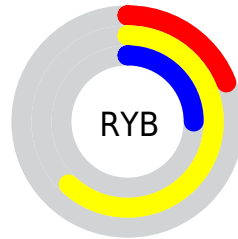
Distribution



Red (56%)

Green (62%)

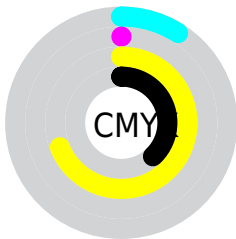
Blue (19%)



Red (19%)

Yellow (62%)

Blue (25%)

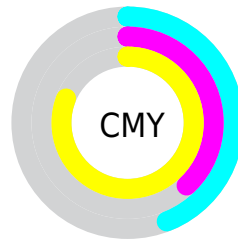


Cyan (9%)

Magenta (0%)

Yellow (69%)

Black (38%)



Cyan (44%)


Magenta (38%)


Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1753, 0.3887, 0.4900 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 30.1753, 0.3887, 0.4900 by changing the saturation by 10% instead.


 30.1753, 0.3887,
0.4900


 30.1753, 0.3887,
0.4900


 302.7207, 0.3538,
0.4042


 19.9717, 0.3946,
0.5113


 59.9393, 0.3777,
0.4584

 12.3745, 0.3995,
0.5376


 80.2685, 0.3729,
0.4465

 6.9992, 0.4070,
0.5781


 104.7416, 0.3687,
0.4366

 3.4616, 0.3928,
0.6072

 133.7431, 0.3650,
0.4281

 1.3772, 0.3566,
0.6434

 167.6574, 0.3617,
0.4209

 0.1998, 0.0000,
1.0000

 206.8688, 0.3587,

 0.0000, 0.0000,

0.4146

0.0000

251.7618, 0.3561,
0.4090

■ 30.1753, 0.3887,
0.4900

■ 30.1753, 0.3887,
0.4900

■ 29.8860, 0.3938,
0.5048

■ 30.5168, 0.3812,
0.4713

■ 29.6398, 0.3964,
0.5154

■ 30.9108, 0.3718,
0.4495

■ 29.4279, 0.3969,
0.5223

■ 31.3624, 0.3608,
0.4256

■ 29.4027, 0.3969,
0.5230

■ 31.8752, 0.3487,
0.4004

■ 32.4523, 0.3362,
0.3750

■ 33.0967, 0.3236,
0.3501

■ 33.8112, 0.3112,
0.3262

■ 34.5983, 0.2994,
0.3036

■ 35.4605, 0.2882,
0.2827

Harmonies

Analogous

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



30.1753, 0.4573, 0.4438



30.1753, 0.3887, 0.4900



30.1753, 0.3050, 0.4849

Triad

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



30.1753, 0.3887, 0.4900



30.1753, 0.1621, 0.2385



30.1753, 0.3919, 0.2613

Complementary

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



30.1753, 0.3887, 0.4900



5.6907, 0.1947, 0.1200

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.



30.1753, 0.2992, 0.2190



30.1753, 0.3887, 0.4900



30.1753, 0.1774, 0.2028

Square

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



30.1753, 0.3887, 0.4900



30.1753, 0.1780, 0.3114



30.1753, 0.2232, 0.1980



30.1753, 0.4666, 0.3179

Rectangle

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



30.1753, 0.3887, 0.4900



30.1753, 0.2513, 0.4414



30.1753, 0.2232, 0.1980



30.1753, 0.3609, 0.2452

Sweetspot

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



30.1767, 0.3887, 0.4900



57.8297, 0.3395, 0.3817



10.7944, 0.5198, 0.3471



12.6666, 0.3427, 0.3881



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.



30.1767, 0.3887, 0.4900



53.2514, 0.3956, 0.5115



26.5330, 0.3338, 0.5250



7.6767, 0.3242, 0.3512



23.8889, 0.3971, 0.5229



0.4381, 0.4066, 0.5153

Inverse Universe

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



5.6907, 0.1947, 0.1200



6.4032, 0.1704, 0.0829



8.3190, 0.2587, 0.1501



6.4745, 0.3007, 0.3060



2.1110, 0.1560, 0.0633



0.0482, 0.1803, 0.0767

Previews

White Background



This preview shows how the Yxy color 30.1753, 0.3887, 0.4900 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 30.1753, 0.3887, 0.4900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

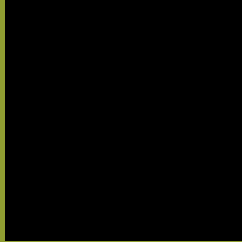
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1753, 0.3887, 0.4900

Background



This preview shows how black text looks on a background with the Yxy color 30.1753, 0.3887, 0.4900.



This preview shows how white text looks on a background with the Yxy color 30.1753, 0.3887, 0.4900.

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

30.1753, 0.3887, 0.4900

Protanopia

29.9156, 0.4240, 0.4664

Deuteranopia

30.0609, 0.4470, 0.4390



Tritanopia

30.2061, 0.3094, 0.3122

Trichromacy



Original Color

30.1753, 0.3887, 0.4900

Protanomaly

29.9390, 0.4104, 0.4751

Deuteranomaly

29.6705, 0.4257, 0.4567

Tritanomaly

29.9253, 0.3436, 0.3820

Monochromacy



Original Color

30.1753, 0.3887, 0.4900

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.7009, 0.3458, 0.3943

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1753, 0.3887, 0.4900 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(143, 157, 49)` looks like.

```
.text, #text, p{  
    color:rgb(143, 157, 49)  
}
```

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(143, 157, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 157, 49) }
```

Border

The CSS property to change the border of an element to Yxy 30.1753, 0.3887, 0.4900 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(143, 157, 49) }
```

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

```
.border{ border-color:rgb(143, 157, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 157, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 157, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 157, 49);  
box-shadow:4px 4px 4px 4px rgb(143, 157,  
49) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1753, 0.3887, 0.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 157, 49) }
```

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

```
.background{ background-color: rgb(143,  
157, 49) }
```

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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