

Converting Colors

$Yxy(30.9634, 0.3959, 0.4228)$

Have a look what the booklet for
Yxy(30.9634, 0.3959, 0.4228)
contains.

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Color

Yxy(30.9196, 0.3959, 0.4229)

Conversions

Conversions Part 1

Format	Color
Hex	A99656
RGB	169, 150, 86
RGB Percent	66%, 59%, 34%
CMY	0.3373, 0.4117, 0.6627
CMYK	0.00, 0.11, 0.49, 0.34
HSL	46°, 33%, 50%
HSV	46°, 49%, 66%
XYZ	28.9455, 30.9196, 13.2481
YIQ	148.3850, 31.8680, -15.8760

Conversions

Conversions Part 2

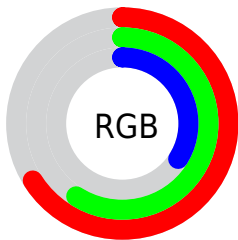
Format	Color
RYB	111, 169, 86
Decimal	11114070
CIELab	62.44, -1.71, 36.14
CIElCh	62, 36.176, 92.703
Yxy	30.9196, 0.3959, 0.4229
Android (android.graphics.Color)	4289304150 (0xFFA99656)
YUV	148.3850, -30.7558, 18.0794
Hunter-Lab	55.6054, -4.3908, 24.7978

Details

The Yxy color **30.9196, 0.3959, 0.4229** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.9418, 0.2275, 0.2118**, and the grayscale version is **29.9049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1606, 0.3804, 0.4048**, and **12.7085, 0.4206, 0.4498** is the 20% darker color. If you saturate the color by 10%, you get **29.4671, 0.4135, 0.4393**, and if you desaturate by 10%, it is **32.4800, 0.3778, 0.4045**.

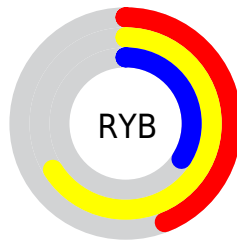
Distribution



Red (66%)

Green (59%)

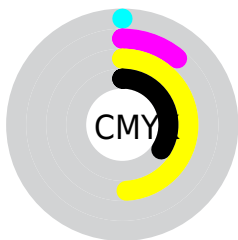
Blue (34%)



Red (44%)

Yellow (66%)

Blue (34%)

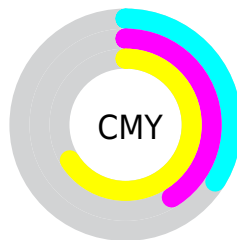


Cyan (0%)

Magenta (11%)

Yellow (49%)

Black (34%)



Cyan (34%)


Magenta (41%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9196, 0.3959, 0.4229 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 30.9196, 0.3959, 0.4229 by changing the saturation by 10% instead.


 30.9196, 0.3959,
0.4229


 30.9196, 0.3959,
0.4229

306.1677, 0.3529,
0.3739

 20.5376, 0.4065,
0.4352


 61.1135, 0.3802,
0.4049

 12.7865, 0.4198,
0.4507


 81.6942, 0.3743,
0.3981


 7.2817, 0.4362,
0.4703


 106.4432, 0.3693,
0.3925

 3.6389, 0.4676,
0.5075

 135.7450, 0.3650,
0.3876

 1.4737, 0.4768,
0.5232

 169.9840, 0.3614,
0.3835

 0.2701, 0.4433,
0.5567

209.5445, 0.3582,

 0.0000, 0.0000,

0.3799

0.0000

254.8110, 0.3554,
0.3767

■ 30.9196, 0.3959,
0.4229

■ 30.9196, 0.3959,
0.4229

■ 29.4671, 0.4135,
0.4393

■ 32.4800, 0.3778,
0.4045

■ 28.1132, 0.4299,
0.4527

■ 34.1486, 0.3599,
0.3851

■ 26.8538, 0.4443,
0.4621

■ 35.9310, 0.3427,
0.3653

■ 25.6824, 0.4560,
0.4671

■ 37.8311, 0.3265,
0.3460

■ 24.5864, 0.4653,
0.4681

■ 39.8525, 0.3114,
0.3274

■ 24.4903, 0.4661,
0.4681

■ 41.9987, 0.2976,
0.3098

■ 44.2731, 0.2851,
0.2934

■ 46.6787, 0.2739,
0.2783

■ 49.2186, 0.2637,
0.2643

Harmonies

Analogous

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



30.9196, 0.4254, 0.3876



30.9196, 0.3959, 0.4229



30.9196, 0.3454, 0.4345

Triad

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



30.9196, 0.3959, 0.4229



30.9196, 0.2139, 0.2986



30.9196, 0.3294, 0.2639

Complementary

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



30.9196, 0.3959, 0.4229



14.9418, 0.2275, 0.2118

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.



30.9196, 0.2726, 0.2423



30.9196, 0.3959, 0.4229



30.9196, 0.2105, 0.2576

Square

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



30.9196, 0.3959, 0.4229



30.9196, 0.2412, 0.3562



30.9196, 0.2308, 0.2392



30.9196, 0.3863, 0.2997

Rectangle

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



30.9196, 0.3959, 0.4229



30.9196, 0.3073, 0.4222



30.9196, 0.2308, 0.2392



30.9196, 0.3096, 0.2549

Sweetspot

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



30.9210, 0.3959, 0.4229



65.6456, 0.3363, 0.3579



16.1175, 0.4139, 0.2997



14.1604, 0.3397, 0.3618



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



30.9210, 0.3959, 0.4229



52.5478, 0.4151, 0.4407



35.2307, 0.3608, 0.4561



8.4786, 0.3267, 0.3463



18.3402, 0.4655, 0.4686



0.5158, 0.4476, 0.4828

Inverse Universe

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



14.9418, 0.2275, 0.2118



20.6116, 0.2073, 0.1804



12.7175, 0.2436, 0.1856



7.5686, 0.2986, 0.3111



3.2685, 0.1576, 0.0872



0.1532, 0.1745, 0.1481

Previews

White Background



This preview shows how the Yxy color 30.9196, 0.3959, 0.4229 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 30.9196, 0.3959, 0.4229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

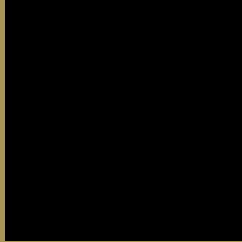
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9196, 0.3959, 0.4229

Background



This preview shows how black text looks on a background with the Yxy color 30.9196, 0.3959, 0.4229.



This preview shows how white text looks on a background with the Yxy color 30.9196, 0.3959, 0.4229.

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

30.9196, 0.3959, 0.4229

Protanopia

30.9121, 0.3919, 0.4255

Deuteranopia

30.8250, 0.4162, 0.4078



Tritanopia

30.8760, 0.3382, 0.3133

Trichromacy



Original Color

30.9196, 0.3959, 0.4229

Protanomaly

31.0206, 0.3930, 0.4250

Deuteranomaly

30.8296, 0.4091, 0.4123

Tritanomaly

30.7200, 0.3596, 0.3527

Monochromacy



Original Color

30.9196, 0.3959, 0.4229

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.0435, 0.3437, 0.3667

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9196, 0.3959, 0.4229 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(169, 150, 86)` looks like.

```
.text, #text, p{  
    color:rgb(169, 150, 86)  
}
```

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(169, 150, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 150, 86) }
```

Border

The CSS property to change the border of an element to Yxy 30.9196, 0.3959, 0.4229 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(169, 150, 86) }
```

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

```
.border{ border-color:rgb(169, 150, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 150, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 150, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 150, 86);  
box-shadow:4px 4px 4px 4px rgb(169, 150,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9196, 0.3959, 0.4229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 150, 86) }
```

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

```
.background{ background-color: rgb(169,  
150, 86) }
```

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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