

Converting Colors

$Yxy(30.5691, 0.3823, 0.4491)$

Have a look what the booklet for
Yxy(30.5691, 0.3823, 0.4491)
contains.

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Color

Yxy(30.6539, 0.3812, 0.4493)

Conversions

Conversions Part 1

Format	Color
Hex	989B4D
RGB	152, 155, 77
RGB Percent	60%, 61%, 30%
CMY	0.4040, 0.3921, 0.6981
CMYK	0.02, 0.00, 0.50, 0.39
HSL	62°, 34%, 45%
HSV	62°, 50%, 61%
XYZ	26.0077, 30.6539, 11.5643
YIQ	145.2110, 23.2500, -24.8940

Conversions

Conversions Part 2

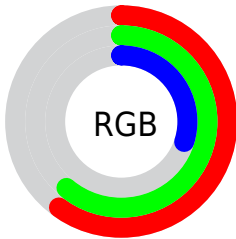
Format	Color
RYB	77, 155, 80
Decimal	10001229
CIELab	62.21, -12.52, 40.14
CIELCh	62, 42.046, 107.329
Yxy	30.6539, 0.3812, 0.4493
Android (android.graphics.Color)	4288191309 (0xFF989B4D)
YUV	145.2110, -33.6280, 5.9540
Hunter-Lab	55.3660, -13.0415, 26.3723

Details

The Yxy color **30.6539, 0.3812, 0.4493** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.3784, 0.2222, 0.1754**, and the grayscale version is **28.5375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5693, 0.3696, 0.4247**, and **12.6371, 0.3973, 0.4872** is the 20% darker color. If you saturate the color by 10%, you get **30.4041, 0.3920, 0.4690**, and if you desaturate by 10%, it is **30.9590, 0.3688, 0.4270**.

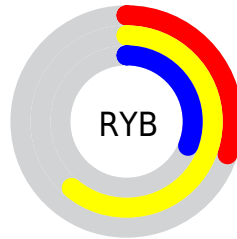
Distribution



Red (60%)

Green (61%)

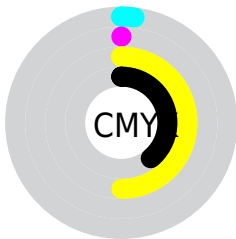
Blue (30%)



Red (30%)

Yellow (61%)

Blue (31%)

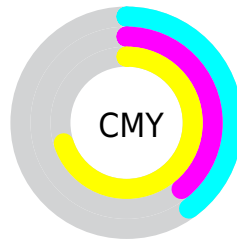


Cyan (2%)

Magenta (0%)

Yellow (50%)

Black (39%)



Cyan (40%)


Magenta (39%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6539, 0.3812, 0.4493 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 30.6539, 0.3812, 0.4493 by changing the saturation by 10% instead.


 30.6539, 0.3812,
0.4493


 30.6539, 0.3812,
0.4493


304.9407, 0.3471,
0.3848

 20.3354, 0.3888,
0.4661


 60.6948, 0.3693,
0.4251


 12.6391, 0.3975,
0.4877


 81.1859, 0.3646,
0.4163


 7.1805, 0.4067,
0.5156


 105.8368, 0.3606,
0.4088

 3.5752, 0.4285,
0.5715

 135.0318, 0.3572,
0.4025

 1.4389, 0.4069,
0.5931

 169.1553, 0.3542,
0.3972

 0.2451, 0.0000,
1.0000

208.5917, 0.3515,

 0.0000, 0.0000,

0.3925

0.0000

253.7253, 0.3492,
0.3884

■ 30.6539, 0.3812,
0.4493

■ 30.6539, 0.3812,
0.4493

■ 30.4041, 0.3920,
0.4690

■ 30.9590, 0.3688,
0.4270

■ 30.2016, 0.4007,
0.4853

■ 31.3185, 0.3553,
0.4031

■ 30.0435, 0.4070,
0.4975

■ 31.7370, 0.3412,
0.3784

■ 29.9249, 0.4108,
0.5056

■ 32.2174, 0.3270,
0.3538

■ 29.8357, 0.4127,
0.5105

■ 32.7623, 0.3132,
0.3298

■ 33.3743, 0.2999,
0.3069

■ 34.0557, 0.2874,
0.2855

■ 34.8089, 0.2758,
0.2657

■ 35.6361, 0.2651,
0.2475

Harmonies

Analogous

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



30.6539, 0.4299, 0.4171



30.6539, 0.3812, 0.4493



30.6539, 0.3171, 0.4452

Triad

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



30.6539, 0.3812, 0.4493



30.6539, 0.1944, 0.2665



30.6539, 0.3656, 0.2725

Complementary

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



30.6539, 0.3812, 0.4493



9.3784, 0.2222, 0.1754

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.



30.6539, 0.2964, 0.2397



30.6539, 0.3812, 0.4493



30.6539, 0.2039, 0.2331

Square

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



30.6539, 0.3812, 0.4493



30.6539, 0.2116, 0.3256



30.6539, 0.2388, 0.2252



30.6539, 0.4236, 0.3180

Rectangle

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



30.6539, 0.3812, 0.4493



30.6539, 0.2744, 0.4166



30.6539, 0.2388, 0.2252



30.6539, 0.3424, 0.2599

Sweetspot

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



30.6553, 0.3812, 0.4493



57.2506, 0.3340, 0.3659



13.1820, 0.4479, 0.3336



12.9206, 0.3368, 0.3708



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.



30.6553, 0.3812, 0.4493



54.4107, 0.3928, 0.4705



27.5181, 0.3393, 0.4686



7.2107, 0.3255, 0.3510



23.9654, 0.4128, 0.5105



0.3615, 0.4159, 0.5080

Inverse Universe

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



9.3784, 0.2222, 0.1754



12.0043, 0.2004, 0.1392



11.5662, 0.2683, 0.1925



6.0372, 0.2994, 0.3061



1.9359, 0.1517, 0.0609



0.0316, 0.1598, 0.0654

Previews

White Background



This preview shows how the Yxy color 30.6539, 0.3812, 0.4493 looks on a white background.

Color Contrast Check

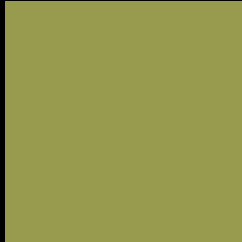
Large Text (above 18pt) WCAG AA × Fail

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 30.6539, 0.3812, 0.4493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

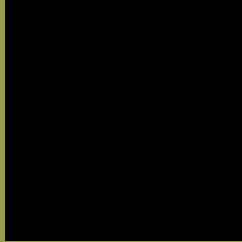
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.6539, 0.3812, 0.4493

Background



This preview shows how black text looks on a background with the Yxy color 30.6539, 0.3812, 0.4493.



This preview shows how white text looks on a background with the Yxy color 30.6539, 0.3812, 0.4493.

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

30.6539, 0.3812, 0.4493

Protanopia

30.4277, 0.4021, 0.4385

Deuteranopia

30.4145, 0.4236, 0.4151



Tritanopia

30.6035, 0.3167, 0.3111

Trichromacy



Original Color

30.6539, 0.3812, 0.4493

Protanomaly

30.5553, 0.3942, 0.4423

Deuteranomaly

30.2026, 0.4078, 0.4268

Tritanomaly

30.3490, 0.3419, 0.3601

Monochromacy



Original Color

30.6539, 0.3812, 0.4493

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

29.1469, 0.3400, 0.3761

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6539, 0.3812, 0.4493 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(152, 155, 77)` looks like.

```
.text, #text, p{  
    color:rgb(152, 155, 77)  
}
```

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(152, 155, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 155, 77) }
```

Border

The CSS property to change the border of an element to Yxy 30.6539, 0.3812, 0.4493 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(152, 155, 77) }
```

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

```
.border{ border-color:rgb(152, 155, 77) }
```

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

Here you see how a box with a 4 pixel rgb(152, 155, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 155, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 155, 77);  
box-shadow:4px 4px 4px 4px rgb(152, 155,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6539, 0.3812, 0.4493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 155, 77) }
```

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

```
.background{ background-color: rgb(152,  
155, 77) }
```

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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