

Converting Colors

$Yxy(30.8308, 0.3916, 0.4699)$

Have a look what the booklet for
Yxy(30.8308, 0.3916, 0.4699)
contains.

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Color

Yxy(30.8001, 0.3915, 0.4691)

Conversions

Conversions Part 1

Format	Color
Hex	989C3E
RGB	152, 156, 62
RGB Percent	60%, 61%, 24%
CMY	0.4040, 0.3882, 0.7567
CMYK	0.03, 0.00, 0.60, 0.39
HSL	63°, 43%, 43%
HSV	63°, 60%, 61%
XYZ	25.7051, 30.8001, 9.1527
YIQ	144.0880, 27.7900, -30.0820

Conversions

Conversions Part 2

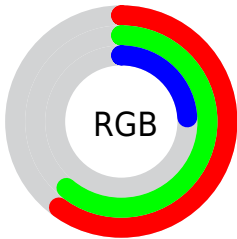
Format	Color
RYB	62, 156, 66
Decimal	10001470
CIELab	62.34, -14.32, 47.46
CIELCh	62, 49.570, 106.795
Yxy	30.8001, 0.3915, 0.4691
Android (android.graphics.Color)	4288191550 (0xFF989C3E)
YUV	144.0880, -40.4694, 6.9388
Hunter-Lab	55.4978, -14.4450, 29.0704

Details

The Yxy color **30.8001, 0.3915, 0.4691** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.0105, 0.2025, 0.1423**, and the grayscale version is **28.0861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6953, 0.3789, 0.4420**, and **12.7086, 0.4068, 0.5113** is the 20% darker color. If you saturate the color by 10%, you get **30.5897, 0.4001, 0.4855**, and if you desaturate by 10%, it is **31.0629, 0.3808, 0.4493**.

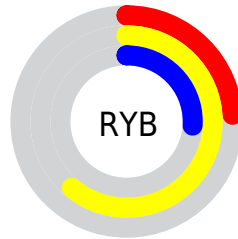
Distribution



Red (60%)

Green (61%)

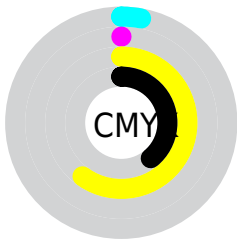
Blue (24%)



Red (24%)

Yellow (61%)

Blue (26%)

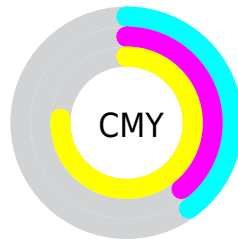


Cyan (3%)

Magenta (0%)

Yellow (60%)

Black (39%)



Cyan (40%)

Magenta (39%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.8001, 0.3915, 0.4691 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 30.8001, 0.3915, 0.4691 by changing the saturation by 10% instead.


 30.8001, 0.3915,
0.4691


 30.8001, 0.3915,
0.4691


305.6163, 0.3535,
0.3949


 20.4467, 0.3992,
0.4877


 60.9252, 0.3787,
0.4417

 12.7202, 0.4072,
0.5108


 81.4657, 0.3735,
0.4315


 7.2361, 0.4154,
0.5412

 106.1706, 0.3690,
0.4229

 3.6102, 0.4200,
0.5800

 135.4245, 0.3651,
0.4156

 1.4580, 0.3953,
0.6047

 169.6115, 0.3617,
0.4093

 0.2589, 0.0000,
1.0000

209.1163, 0.3586,

 0.0000, 0.0000,

0.4038

0.0000

254.3231, 0.3559,
0.3991

■ 30.8001, 0.3915,
0.4691

■ 30.8001, 0.3915,
0.4691

■ 30.5897, 0.4001,
0.4855

■ 31.0629, 0.3808,
0.4493

■ 30.4231, 0.4064,
0.4979

■ 31.3776, 0.3684,
0.4270

■ 30.2966, 0.4101,
0.5061

■ 31.7491, 0.3549,
0.4029

■ 30.1997, 0.4120,
0.5111

■ 32.1807, 0.3409,
0.3782

■ 32.6751, 0.3268,
0.3535

■ 33.2351, 0.3130,
0.3296

■ 33.8634, 0.2998,
0.3067

■ 34.5622, 0.2874,
0.2853

■ 35.3340, 0.2758,
0.2655

Harmonies

Analogous

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



30.8001, 0.4487, 0.4276



30.8001, 0.3915, 0.4691



30.8001, 0.3172, 0.4686

Triad

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



30.8001, 0.3915, 0.4691



30.8001, 0.1770, 0.2558



30.8001, 0.3729, 0.2628

Complementary

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



30.8001, 0.3915, 0.4691



7.0105, 0.2025, 0.1423

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.



30.8001, 0.2916, 0.2261



30.8001, 0.3915, 0.4691



30.8001, 0.1873, 0.2183

Square

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



30.8001, 0.3915, 0.4691



30.8001, 0.1961, 0.3250



30.8001, 0.2260, 0.2099



30.8001, 0.4423, 0.3137

Rectangle

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



30.8001, 0.3915, 0.4691



30.8001, 0.2679, 0.4354



30.8001, 0.2260, 0.2099



30.8001, 0.3454, 0.2486

Sweetspot

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



30.8015, 0.3915, 0.4691



58.6022, 0.3383, 0.3736



11.2171, 0.4912, 0.3343



12.8444, 0.3421, 0.3803



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.



30.8015, 0.3915, 0.4691



55.4481, 0.4024, 0.4899



27.1854, 0.3417, 0.4970



7.7059, 0.3255, 0.3512



24.8763, 0.4120, 0.5110



0.4488, 0.4152, 0.5086

Inverse Universe

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



7.0105, 0.2025, 0.1423



8.3682, 0.1788, 0.1036



9.3049, 0.2566, 0.1655



6.4481, 0.2994, 0.3059



2.0166, 0.1518, 0.0610



0.0396, 0.1605, 0.0658

Previews

White Background



This preview shows how the Yxy color 30.8001, 0.3915, 0.4691 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 30.8001, 0.3915, 0.4691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

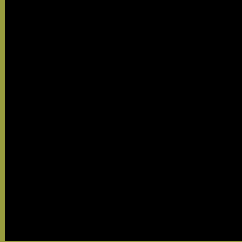
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8001, 0.3915, 0.4691

Background



This preview shows how black text looks on a background with the Yxy color 30.8001, 0.3915, 0.4691.



This preview shows how white text looks on a background with the Yxy color 30.8001, 0.3915, 0.4691.

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

30.8001, 0.3915, 0.4691

Protanopia

30.7950, 0.4142, 0.4547

Deuteranopia

30.6031, 0.4389, 0.4291



Tritanopia

30.6035, 0.3167, 0.3111

Trichromacy



Original Color

30.8001, 0.3915, 0.4691

Protanomaly

30.8008, 0.4058, 0.4606

Deuteranomaly

30.5601, 0.4207, 0.4433

Tritanomaly

30.5119, 0.3476, 0.3711

Monochromacy



Original Color

30.8001, 0.3915, 0.4691

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.5978, 0.3451, 0.3847

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8001, 0.3915, 0.4691 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, 156, 62)` looks like.

```
.text, #text, p{  
    color:rgb(152, 156, 62)  
}
```

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, 156, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 156, 62) }
```

Border

The CSS property to change the border of an element to Yxy 30.8001, 0.3915, 0.4691 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, 156, 62) }
```

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

```
.border{ border-color:rgb(152, 156, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 156, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 156, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 156, 62);  
box-shadow:4px 4px 4px 4px rgb(152, 156,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8001, 0.3915, 0.4691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 156, 62) }
```

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

```
.background{ background-color: rgb(152,  
156, 62) }
```

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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