

Converting Colors

$Yxy(31.9989, 0.4325, 0.4188)$

Have a look what the booklet for
Yxy(31.9989, 0.4325, 0.4188)
contains.

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Color

Yxy(31.8490, 0.4330, 0.4190)

Conversions

Conversions Part 1

Format	Color
Hex	BF914C
RGB	191, 145, 76
RGB Percent	75%, 57%, 30%
CMY	0.2510, 0.4313, 0.7020
CMYK	0.00, 0.24, 0.60, 0.25
HSL	36°, 47%, 52%
HSV	36°, 60%, 75%
XYZ	32.9132, 31.8490, 11.2498
YIQ	150.8880, 49.5650, -11.7070

Conversions

Conversions Part 2

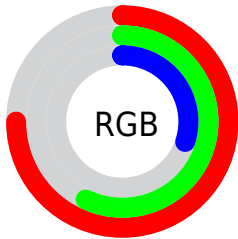
Format	Color
RYB	153, 191, 76
Decimal	12554572
CIELab	63.22, 9.66, 42.73
CIELCh	63, 43.812, 77.267
Yxy	31.8490, 0.4330, 0.4190
Android (android.graphics.Color)	4290744652 (0xFFBF914C)
YUV	150.8880, -36.9198, 35.1782
Hunter-Lab	56.4349, 5.3411, 27.6855

Details

The Yxy color **31.8490, 0.4330, 0.4190** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.2102, 0.2136, 0.2122**, and the grayscale version is **31.0425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.7031, 0.4103, 0.4040**, and **13.3319, 0.4658, 0.4397** is the 20% darker color. If you saturate the color by 10%, you get **29.3671, 0.4560, 0.4289**, and if you desaturate by 10%, it is **34.5697, 0.4098, 0.4060**.

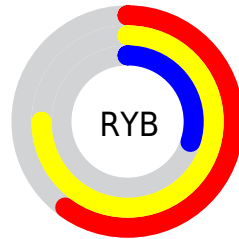
Distribution



Red (75%)

Green (57%)

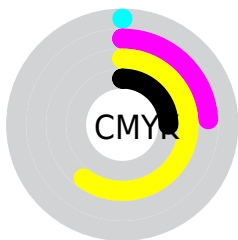
Blue (30%)



Red (60%)

Yellow (75%)

Blue (30%)

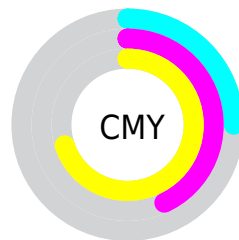


Cyan (0%)

Magenta (24%)

Yellow (60%)

Black (25%)



Cyan (25%)


Magenta (43%)

Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.8490, 0.4330, 0.4190 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 31.8490, 0.4330, 0.4190 by changing the saturation by 10% instead.


 31.8490, 0.4330,
0.4190


 31.8490, 0.4330,
0.4190

310.4308, 0.3709,
0.3751


 21.2462, 0.4481,
0.4285


 62.5743, 0.4105,
0.4039

 13.3041, 0.4667,
0.4393


 83.4656, 0.4019,
0.3979


 7.6383, 0.4894,
0.4506


 108.5551, 0.3947,
0.3927

 3.8644, 0.5289,
0.4711

 138.2273, 0.3886,
0.3883

 1.5980, 0.5426,
0.4574

 172.8666, 0.3832,
0.3844

 0.3562, 0.6172,
0.3828

212.8574, 0.3786,

 0.0000, 0.0000,

0.3809

0.0000

258.5840, 0.3745,
0.3779

■ 31.8490, 0.4330,
0.4190

■ 31.8490, 0.4330,
0.4190

■ 29.3671, 0.4560,
0.4289

■ 34.5697, 0.4098,
0.4060

■ 27.1091, 0.4775,
0.4347

■ 37.5339, 0.3872,
0.3912

■ 25.0649, 0.4963,
0.4354

■ 40.7518, 0.3660,
0.3754

■ 23.2506, 0.5119,
0.4317

■ 44.2312, 0.3465,
0.3596

■ 47.9798, 0.3288,
0.3441

■ 52.0048, 0.3130,
0.3293

■ 56.3129, 0.2990,
0.3154

■ 60.9108, 0.2866,
0.3026

■ 65.8047, 0.2757,
0.2908

Harmonies

Analogous

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



31.8490, 0.4510, 0.3694



31.8490, 0.4330, 0.4190



31.8490, 0.3829, 0.4526

Triad

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



31.8490, 0.4330, 0.4190



31.8490, 0.2090, 0.3255



31.8490, 0.2957, 0.2375

Complementary

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



31.8490, 0.4330, 0.4190



19.2102, 0.2136, 0.2122

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.



31.8490, 0.2368, 0.2227



31.8490, 0.4330, 0.4190



31.8490, 0.1915, 0.2647

Square

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



31.8490, 0.4330, 0.4190



31.8490, 0.2535, 0.3984



31.8490, 0.2011, 0.2306



31.8490, 0.3669, 0.2710

Rectangle

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



31.8490, 0.4330, 0.4190



31.8490, 0.3397, 0.4555



31.8490, 0.2011, 0.2306



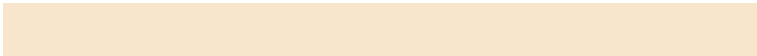
31.8490, 0.2739, 0.2302

Sweetspot

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



31.8506, 0.4330, 0.4190



80.4840, 0.3429, 0.3565



17.6483, 0.4205, 0.2691



17.2533, 0.3484, 0.3612



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



31.8506, 0.4330, 0.4190



51.3779, 0.4625, 0.4311



47.4191, 0.3863, 0.4742



10.4629, 0.3274, 0.3428



15.4434, 0.5103, 0.4330



0.7297, 0.4831, 0.4546

Inverse Universe

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



19.2102, 0.2136, 0.2122



26.9038, 0.1948, 0.1822



10.9801, 0.2060, 0.1417



9.8346, 0.2984, 0.3149



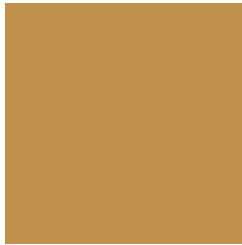
6.0507, 0.1690, 0.1283



0.3655, 0.1826, 0.1773

Previews

White Background



This preview shows how the Yxy color 31.8490, 0.4330, 0.4190 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 31.8490, 0.4330, 0.4190 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 31.8490, 0.4330, 0.4190

Background



This preview shows how black text looks on a background with the Yxy color 31.8490, 0.4330, 0.4190.



This preview shows how white text looks on a background with the Yxy color 31.8490, 0.4330, 0.4190.

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

31.8490, 0.4330, 0.4190

Protanopia

31.7820, 0.3998, 0.4357

Deuteranopia

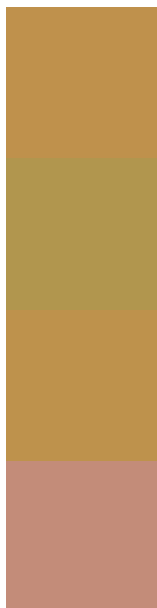
31.8984, 0.4300, 0.4211



Tritanopia

31.8682, 0.3691, 0.3158

Trichromacy



Original Color

31.8490, 0.4330, 0.4190

Protanomaly

31.7099, 0.4118, 0.4294

Deuteranomaly

32.0267, 0.4311, 0.4207

Tritanomaly

31.7387, 0.3951, 0.3549

Monochromacy



Original Color

31.8490, 0.4330, 0.4190

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.0571, 0.3557, 0.3669

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.8490, 0.4330, 0.4190 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(191, 145, 76)` looks like.

```
.text, #text, p{  
    color:rgb(191, 145, 76)  
}
```

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(191, 145, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 145, 76) }
```

Border

The CSS property to change the border of an element to Yxy 31.8490, 0.4330, 0.4190 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(191, 145, 76) }
```

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

```
.border{ border-color:rgb(191, 145, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 145, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 145, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 145, 76);  
box-shadow:4px 4px 4px 4px rgb(191, 145,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 31.8490, 0.4330, 0.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 145, 76) }
```

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

```
.background{ background-color: rgb(191,  
145, 76) }
```

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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