

Converting Colors

Yxy(31.2208, 0.5114, 0.4594)

Have a look what the booklet for
Yxy(31.2208, 0.5114, 0.4594)
contains.

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Color

Yxy(31.4466, 0.4970, 0.4435)

Conversions

Conversions Part 1

Format	Color
Hex	D18900
RGB	209, 137, 0
RGB Percent	82%, 54%, 0%
CMY	0.1804, 0.4627, 0.9991
CMYK	0.00, 0.34, 1.00, 0.18
HSL	39°, 100%, 41%
HSV	39°, 100%, 82%
XYZ	35.2400, 31.4466, 4.2189
YIQ	142.9100, 86.8890, -27.3430

Conversions

Conversions Part 2

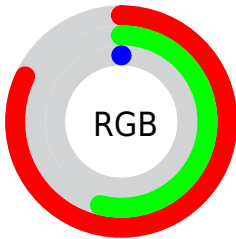
Format	Color
RYB	110, 209, 0
Decimal	13732096
CIELab	62.88, 19.19, 68.33
CIElCh	63, 70.971, 74.314
Yxy	31.4466, 0.4970, 0.4435
Android (android.graphics.Color)	4291922176 (0xFFD18900)
YUV	142.9100, -70.4546, 57.9609
Hunter-Lab	56.0773, 14.0377, 34.7935

Details

The Yxy color **31.4466, 0.4970, 0.4435** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **9.2681, 0.1638, 0.1097**, and the grayscale version is **27.7026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5548, 0.4552, 0.4383**, and **13.1123, 0.5132, 0.4307** is the 20% darker color. If you saturate the color by 10%, you get **31.4247, 0.4971, 0.4435**, and if you desaturate by 10%, it is **33.6204, 0.4836, 0.4462**.

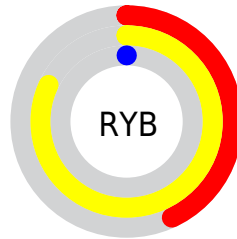
Distribution



Red (82%)

Green (54%)

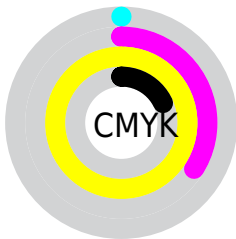
Blue (0%)



Red (43%)

Yellow (82%)

Blue (0%)

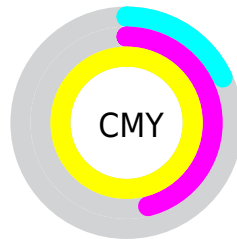


Cyan (0%)

Magenta (34%)

Yellow (100%)

Black (18%)



Cyan (18%)


Magenta (46%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4466, 0.4970, 0.4435 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 31.4466, 0.4970, 0.4435 by changing the saturation by 10% instead.


 31.4466, 0.4970,
0.4435


 31.4466, 0.4970,
0.4435


308.5906, 0.4085,
0.3975

 20.9392, 0.5142,
0.4484


 61.9425, 0.4678,
0.4312

 13.0795, 0.5345,
0.4519


 82.6998, 0.4557,
0.4252


 7.4833, 0.5525,
0.4475


 107.6425, 0.4452,
0.4195

 3.7662, 0.5682,
0.4318

 137.1549, 0.4360,
0.4142

 1.5436, 0.5937,
0.4063

 171.6216, 0.4278,
0.4095


 0.3191, 0.7074,
0.2926


 211.4268, 0.4206,

 0.0000, 0.0000,

0.4051


0.0000

 256.9550, 0.4142,
0.4011

 31.4466, 0.4970,
0.4435


 31.4466, 0.4970,
0.4435

 31.4247, 0.4971,
0.4435

 33.6204, 0.4836,
0.4462

 35.9907, 0.4673,
0.4444

 38.5808, 0.4483,
0.4376

 41.4041, 0.4275,
0.4266

 44.4717, 0.4060,
0.4125

■ 47.7939, 0.3848,
0.3963

■ 51.3801, 0.3645,
0.3792

■ 55.2390, 0.3456,
0.3619

■ 59.3787, 0.3282,
0.3450

Harmonies

Analogous

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



31.4466, 0.5301, 0.3673



31.4466, 0.4970, 0.4435



31.4466, 0.4174, 0.5148

Triad

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



31.4466, 0.4970, 0.4435



31.4466, 0.1582, 0.3279



31.4466, 0.2723, 0.1905

Complementary

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



31.4466, 0.4970, 0.4435



9.2681, 0.1638, 0.1097

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.



31.4466, 0.1899, 0.1718



31.4466, 0.4970, 0.4435



31.4466, 0.1344, 0.2298

Square

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



31.4466, 0.4970, 0.4435



31.4466, 0.2230, 0.4598



31.4466, 0.1454, 0.1821



31.4466, 0.3861, 0.2345

Rectangle

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



31.4466, 0.4970, 0.4435



31.4466, 0.3522, 0.5395



31.4466, 0.1454, 0.1821



31.4466, 0.2405, 0.1812

Sweetspot

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



31.4482, 0.4970, 0.4435



80.3232, 0.3654, 0.3800



14.0446, 0.5595, 0.2856



16.6698, 0.3739, 0.3874



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



31.4482, 0.4970, 0.4435



48.9222, 0.4982, 0.4426



55.0257, 0.3929, 0.5262



13.0826, 0.3274, 0.3442



19.5668, 0.4957, 0.4446



1.2389, 0.4782, 0.4585

Inverse Universe

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



9.2681, 0.1638, 0.1097



14.1884, 0.1632, 0.1075



4.9081, 0.1558, 0.0632



12.0748, 0.2982, 0.3133



5.8680, 0.1645, 0.1121



0.4746, 0.1749, 0.1497

Previews

White Background



This preview shows how the Yxy color 31.4466, 0.4970, 0.4435 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 31.4466, 0.4970, 0.4435 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 31.4466, 0.4970, 0.4435

Background



This preview shows how black text looks on a background with the Yxy color 31.4466, 0.4970, 0.4435.



This preview shows how white text looks on a background with the Yxy color 31.4466, 0.4970, 0.4435.

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

31.4466, 0.4970, 0.4435

Protanopia

31.5848, 0.4377, 0.4853

Deuteranopia

31.5883, 0.4716, 0.4638



Tritanopia

31.4320, 0.4046, 0.3169

Trichromacy



Original Color

31.4466, 0.4970, 0.4435

Protanomaly

31.2014, 0.4594, 0.4701

Deuteranomaly

31.4881, 0.4813, 0.4561

Tritanomaly

31.0669, 0.4580, 0.3817

Monochromacy



Original Color

31.4466, 0.4970, 0.4435

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.0206, 0.3950, 0.4047

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4466, 0.4970, 0.4435 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(209, 137, 0)` looks like.

```
.text, #text, p{  
    color:rgb(209, 137, 0)  
}
```

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(209, 137, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 137, 0) }
```

Border

The CSS property to change the border of an element to Yxy 31.4466, 0.4970, 0.4435 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(209, 137, 0) }
```

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

```
.border{ border-color:rgb(209, 137, 0) }
```

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

Here you see how a box with a 4 pixel rgb(209, 137, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 137, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 137, 0);  
box-shadow:4px 4px 4px 4px rgb(209, 137,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4466, 0.4970, 0.4435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 137, 0) }
```

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

```
.background{ background-color: rgb(209,  
137, 0) }
```

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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