

Converting Colors

Yxy(31.4513, 0.4399, 0.4314)

Have a look what the booklet for
Yxy(31.4513, 0.4399, 0.4314)
contains.

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Color

Yxy(31.4513, 0.4399, 0.4314)

Conversions

Conversions Part 1

Format	Color
Hex	BD9141
RGB	189, 145, 65
RGB Percent	74%, 57%, 25%
CMY	0.2587, 0.4314, 0.7451
CMYK	0.00, 0.23, 0.66, 0.26
HSL	39°, 49%, 50%
HSV	39°, 66%, 74%
XYZ	32.0710, 31.4513, 9.3829
YIQ	149.0360, 51.9040, -15.5520

Conversions

Conversions Part 2

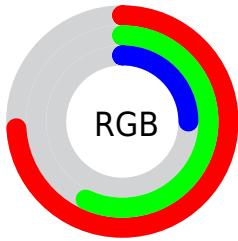
Format	Color
RYB	133, 189, 65
Decimal	12423489
CIELab	62.89, 8.06, 47.67
CIElCh	63, 48.349, 80.400
Yxy	31.4513, 0.4399, 0.4314
Android (android.graphics.Color)	4290613569 (0xFFBD9141)
YUV	149.0360, -41.4297, 35.0484
Hunter-Lab	56.0815, 3.9353, 29.3373

Details

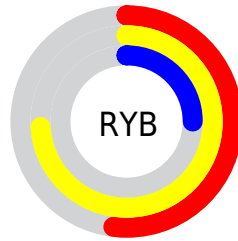
The Yxy color **31.4513, 0.4399, 0.4314** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **15.7464, 0.2032, 0.1899**, and the grayscale version is **30.2341, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0643, 0.4164, 0.4149**, and **13.1141, 0.4728, 0.4536** is the 20% darker color. If you saturate the color by 10%, you get **29.2783, 0.4602, 0.4401**, and if you desaturate by 10%, it is **33.8219, 0.4184, 0.4191**.

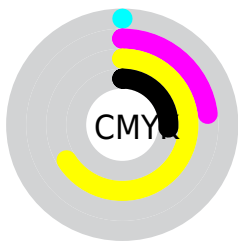
Distribution



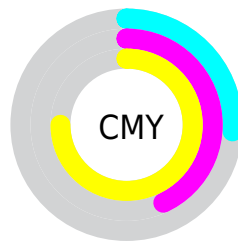
- Red (74%)
- Green (57%)
- Blue (25%)



- Red (52%)
- Yellow (74%)
- Blue (25%)



- Cyan (0%)
- Magenta (23%)
- Yellow (66%)
- Black (26%)





- Cyan (26%)
- Magenta (43%)
- Yellow (75%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.4513, 0.4399, 0.4314 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 31.4513, 0.4399, 0.4314 by changing the saturation by 10% instead.


 31.4513, 0.4399,
0.4314


 31.4513, 0.4399,
0.4314

308.6121, 0.3751,
0.3818

 20.9427, 0.4550,
0.4418


 61.9499, 0.4168,
0.4145


 13.0822, 0.4731,
0.4532

 82.7087, 0.4079,
0.4078

 7.4851, 0.4952,
0.4655


 107.6531, 0.4003,
0.4019

 3.7673, 0.5225,
0.4775

 137.1675, 0.3938,
0.3968

 1.5443, 0.5343,
0.4657

 171.6361, 0.3882,
0.3923

 0.3196, 0.6103,
0.3897

211.4435, 0.3833,

 0.0000, 0.0000,

0.3884

0.0000

256.9740, 0.3789,
0.3849

■ 31.4513, 0.4399,
0.4314

■ 31.4513, 0.4399,
0.4314

■ 29.2783, 0.4602,
0.4401

■ 33.8219, 0.4184,
0.4191

■ 27.2885, 0.4783,
0.4441

■ 36.3940, 0.3968,
0.4042

■ 25.4719, 0.4932,
0.4431

■ 39.1770, 0.3758,
0.3878

■ 24.7192, 0.4993,
0.4417

■ 42.1783, 0.3561,
0.3709

■ 45.4045, 0.3378,
0.3540

■ 48.8620, 0.3213,
0.3378

■ 52.5568, 0.3064,
0.3223

■ 56.4949, 0.2931,
0.3079

■ 60.6816, 0.2813,
0.2946

Harmonies

Analogous

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



31.4513, 0.4653, 0.3774



31.4513, 0.4399, 0.4314



31.4513, 0.3815, 0.4675

Triad

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



31.4513, 0.4399, 0.4314



31.4513, 0.1956, 0.3160



31.4513, 0.3014, 0.2321

Complementary

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



31.4513, 0.4399, 0.4314



15.7464, 0.2032, 0.1899

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.



31.4513, 0.2349, 0.2137



31.4513, 0.4399, 0.4314



31.4513, 0.1802, 0.2522

Square

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



31.4513, 0.4399, 0.4314



31.4513, 0.2406, 0.3983



31.4513, 0.1937, 0.2190



31.4513, 0.3805, 0.2700

Rectangle

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



31.4513, 0.4399, 0.4314



31.4513, 0.3333, 0.4687



31.4513, 0.1937, 0.2190



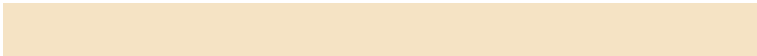
31.4513, 0.2769, 0.2236

Sweetspot

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



31.4528, 0.4399, 0.4314



78.5209, 0.3462, 0.3619



15.7405, 0.4432, 0.2712



16.5392, 0.3514, 0.3667



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



31.4528, 0.4399, 0.4314



50.7223, 0.4690, 0.4426



45.6147, 0.3868, 0.4864



10.5349, 0.3273, 0.3438



16.7750, 0.4980, 0.4428



0.7761, 0.4747, 0.4613

Inverse Universe

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



15.7464, 0.2032, 0.1899



20.7456, 0.1830, 0.1545



9.2309, 0.1991, 0.1266



9.7648, 0.2984, 0.3138



5.3135, 0.1655, 0.1157



0.3331, 0.1794, 0.1659

Previews

White Background



This preview shows how the Yxy color 31.4513, 0.4399, 0.4314 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 31.4513, 0.4399, 0.4314 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 31.4513, 0.4399, 0.4314

Background



This preview shows how black text looks on a background with the Yxy color 31.4513, 0.4399, 0.4314.



This preview shows how white text looks on a background with the Yxy color 31.4513, 0.4399, 0.4314.

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

31.4513, 0.4399, 0.4314

Protanopia

31.6227, 0.4093, 0.4499

Deuteranopia

31.4513, 0.4399, 0.4314



Tritanopia

31.3170, 0.3672, 0.3144

Trichromacy



Original Color

31.4513, 0.4399, 0.4314

Protanomaly

31.4361, 0.4203, 0.4435

Deuteranomaly

31.4513, 0.4399, 0.4314

Tritanomaly

31.0870, 0.3979, 0.3592

Monochromacy



Original Color

31.4513, 0.4399, 0.4314

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.3803, 0.3600, 0.3750

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4513, 0.4399, 0.4314 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(189, 145, 65)` looks like.

```
.text, #text, p{  
    color:rgb(189, 145, 65)  
}
```

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(189, 145, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 145, 65) }
```

Border

The CSS property to change the border of an element to Yxy 31.4513, 0.4399, 0.4314 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(189, 145, 65) }
```

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

```
.border{ border-color:rgb(189, 145, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 145, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 145, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 145, 65);  
box-shadow:4px 4px 4px 4px rgb(189, 145,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4513, 0.4399, 0.4314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 145, 65) }
```

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

```
.background{ background-color: rgb(189,  
145, 65) }
```

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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