

Converting Colors

$Y_{xy}(32.2254, 0.4133, 0.4317)$

Have a look what the booklet for
Yxy(32.2254, 0.4133, 0.4317)
contains.

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Color

Yxy(32.1340, 0.4130, 0.4313)

Conversions

Conversions Part 1

Format	Color
Hex	B2974D
RGB	178, 151, 77
RGB Percent	70%, 59%, 30%
CMY	0.3019, 0.4079, 0.6981
CMYK	0.00, 0.15, 0.57, 0.30
HSL	44°, 40%, 50%
HSV	44°, 57%, 70%
XYZ	30.7706, 32.1340, 11.6004
YIQ	150.6370, 39.8460, -17.2900

Conversions

Conversions Part 2

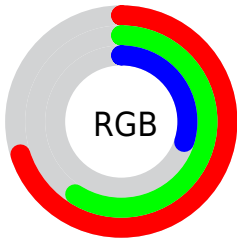
Format	Color
RYB	114, 178, 77
Decimal	11704141
CIELab	63.45, 0.85, 42.18
CIELCh	63, 42.184, 88.845
Yxy	32.1340, 0.4130, 0.4313
Android (android.graphics.Color)	4289894221 (0xFFB2974D)
YUV	150.6370, -36.3030, 23.9974
Hunter-Lab	56.6869, -2.3093, 27.5477

Details

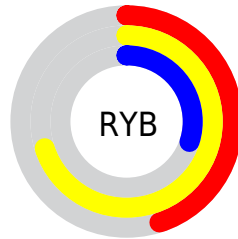
The Yxy color **32.1340, 0.4130, 0.4313** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **14.6986, 0.2144, 0.1963**, and the grayscale version is **30.9309, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0540, 0.3948, 0.4127**, and **13.4091, 0.4407, 0.4569** is the 20% darker color. If you saturate the color by 10%, you get **30.4153, 0.4311, 0.4449**, and if you desaturate by 10%, it is **33.9865, 0.3940, 0.4150**.

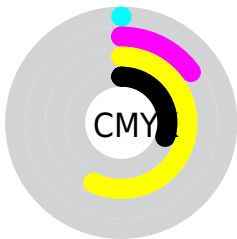
Distribution



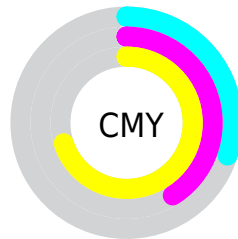
- Red (70%)
- Green (59%)
- Blue (30%)



- Red (45%)
- Yellow (70%)
- Blue (30%)



- Cyan (0%)
- Magenta (15%)
- Yellow (57%)
- Black (30%)





- Cyan (30%)
- Magenta (41%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1340, 0.4130, 0.4313 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 32.1340, 0.4130, 0.4313 by changing the saturation by 10% instead.


 32.1340, 0.4130,
0.4313


 32.1340, 0.4130,
0.4313


311.7292, 0.3619,
0.3794


 21.4639, 0.4252,
0.4435


 63.0211, 0.3946,
0.4127


 13.4635, 0.4400,
0.4583


 84.0069, 0.3876,
0.4056

 7.7485, 0.4575,
0.4756


 109.2000, 0.3817,
0.3996

 3.9344, 0.4910,
0.5090

 138.9848, 0.3766,
0.3944

 1.6370, 0.4923,
0.5077

 173.7457, 0.3721,
0.3899

 0.3823, 0.5012,
0.4988

213.8672, 0.3683,

 0.0000, 0.0000,

0.3859

0.0000

259.7335, 0.3649,
0.3825

■ 32.1340, 0.4130,
0.4313

■ 32.1340, 0.4130,
0.4313

■ 30.4153, 0.4311,
0.4449

■ 33.9865, 0.3940,
0.4150

■ 28.8193, 0.4475,
0.4547

■ 35.9741, 0.3750,
0.3970

■ 27.3402, 0.4615,
0.4599

■ 38.1036, 0.3566,
0.3782

■ 25.9678, 0.4725,
0.4606

■ 40.3800, 0.3391,
0.3593

■ 25.5388, 0.4759,
0.4603

■ 42.8078, 0.3229,
0.3409

■ 45.3914, 0.3080,
0.3234

■ 48.1351, 0.2946,
0.3069

■ 51.0426, 0.2824,
0.2916

■ 54.1178, 0.2715,
0.2775

Harmonies

Analogous

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



32.1340, 0.4436, 0.3878



32.1340, 0.4130, 0.4313



32.1340, 0.3571, 0.4515

Triad

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



32.1340, 0.4130, 0.4313



32.1340, 0.2030, 0.3008



32.1340, 0.3225, 0.2512

Complementary

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



32.1340, 0.4130, 0.4313



14.6986, 0.2144, 0.1963

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.



32.1340, 0.2593, 0.2294



32.1340, 0.4130, 0.4313



32.1340, 0.1962, 0.2515

Square

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



32.1340, 0.4130, 0.4313



32.1340, 0.2365, 0.3691



32.1340, 0.2154, 0.2283



32.1340, 0.3897, 0.2894

Rectangle

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



32.1340, 0.4130, 0.4313



32.1340, 0.3138, 0.4421



32.1340, 0.2154, 0.2283



32.1340, 0.3000, 0.2419

Sweetspot

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



32.1355, 0.4130, 0.4313



72.9717, 0.3401, 0.3603



15.8078, 0.4311, 0.2887



15.9820, 0.3434, 0.3640



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



32.1355, 0.4130, 0.4313



54.4164, 0.4353, 0.4476



39.4685, 0.3714, 0.4728



9.5143, 0.3270, 0.3456



18.3750, 0.4751, 0.4610



0.6680, 0.4564, 0.4758

Inverse Universe

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



14.6986, 0.2144, 0.1963



19.8953, 0.1935, 0.1623



11.1685, 0.2246, 0.1585



8.5878, 0.2985, 0.3118



3.8813, 0.1597, 0.0948



0.2205, 0.1755, 0.1518

Previews

White Background



This preview shows how the Yxy color 32.1340, 0.4130, 0.4313 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 32.1340, 0.4130, 0.4313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

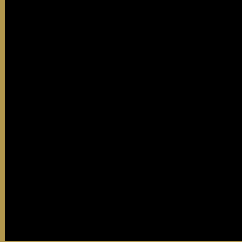
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1340, 0.4130, 0.4313

Background



This preview shows how black text looks on a background with the Yxy color 32.1340, 0.4130, 0.4313.



This preview shows how white text looks on a background with the Yxy color 32.1340, 0.4130, 0.4313.

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

32.1340, 0.4130, 0.4313

Protanopia

32.2073, 0.4010, 0.4377

Deuteranopia

31.9266, 0.4283, 0.4189



Tritanopia

31.9602, 0.3479, 0.3139

Trichromacy



Original Color

32.1340, 0.4130, 0.4313

Protanomaly

32.2168, 0.4051, 0.4350

Deuteranomaly

32.0442, 0.4222, 0.4232

Tritanomaly

31.6765, 0.3739, 0.3577

Monochromacy



Original Color

32.1340, 0.4130, 0.4313

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.1655, 0.3496, 0.3706

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1340, 0.4130, 0.4313 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 $rgb(178, 151, 77)$ looks like.

```
.text, #text, p{  
    color:rgb(178, 151, 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(178, 151, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 151, 77) }
```

Border

The CSS property to change the border of an element to Yxy 32.1340, 0.4130, 0.4313 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(178, 151, 77) }
```

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

```
.border{ border-color:rgb(178, 151, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 151, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 151, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 151, 77);  
box-shadow:4px 4px 4px 4px rgb(178, 151,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1340, 0.4130, 0.4313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 151, 77) }
```

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

```
.background{ background-color: rgb(178,  
151, 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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