

Converting Colors

$Y_{xy}(32.1309, 0.4195, 0.4321)$

Have a look what the booklet for
Yxy(32.1309, 0.4195, 0.4321)
contains.

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Color

Yxy(32.1309, 0.4195, 0.4321)

Conversions

Conversions Part 1

Format	Color
Hex	B5964A
RGB	181, 150, 74
RGB Percent	71%, 59%, 29%
CMY	0.2903, 0.4117, 0.7098
CMYK	0.00, 0.17, 0.59, 0.29
HSL	43°, 42%, 50%
HSV	43°, 59%, 71%
XYZ	31.1940, 32.1309, 11.0350
YIQ	150.6050, 42.8720, -17.0640

Conversions

Conversions Part 2

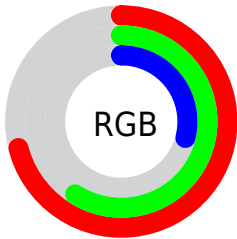
Format	Color
RYB	118, 181, 74
Decimal	11900490
CIELab	63.45, 2.43, 43.74
CIELCh	63, 43.805, 86.821
Yxy	32.1309, 0.4195, 0.4321
Android (android.graphics.Color)	4290090570 (0xFFB5964A)
YUV	150.6050, -37.7663, 26.6564
Hunter-Lab	56.6841, -0.9665, 28.1366

Details

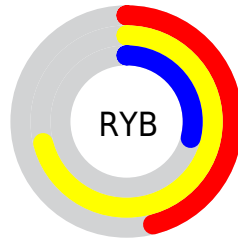
The Yxy color **32.1309, 0.4195, 0.4321** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **14.8848, 0.2110, 0.1938**, and the grayscale version is **30.9201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0171, 0.3999, 0.4139**, and **13.5403, 0.4467, 0.4589** is the 20% darker color. If you saturate the color by 10%, you get **30.2880, 0.4381, 0.4445**, and if you desaturate by 10%, it is **34.1217, 0.4000, 0.4167**.

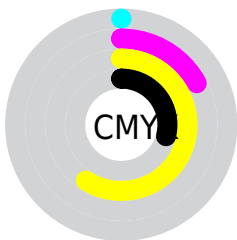
Distribution



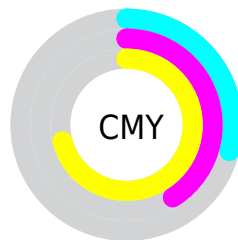
- Red (71%)
- Green (59%)
- Blue (29%)



- Red (46%)
- Yellow (71%)
- Blue (29%)



- Cyan (0%)
- Magenta (17%)
- Yellow (59%)
- Black (29%)



- Cyan (29%)
- Magenta (41%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.1309, 0.4195, 0.4321 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 32.1309, 0.4195, 0.4321 by changing the saturation by 10% instead.

■ 32.1309, 0.4195,
0.4321

■ 32.1309, 0.4195,
0.4321

311.7151, 0.3651,
0.3803

■ 21.4615, 0.4324,
0.4440

■ 63.0162, 0.4000,
0.4138

■ 13.4618, 0.4479,
0.4581

■ 84.0010, 0.3925,
0.4067

■ 7.7473, 0.4662,
0.4741

■ 109.1929, 0.3862,
0.4006

■ 3.9337, 0.4979,
0.5021

■ 138.9765, 0.3808,
0.3954

■ 1.6365, 0.5015,
0.4985

■ 173.7362, 0.3761,
0.3909

■ 0.3820, 0.5251,
0.4749

213.8562, 0.3719,

■ 0.0000, 0.0000,

0.3869

0.0000

259.7211, 0.3683,
0.3834

■ 32.1309, 0.4195,
0.4321

■ 32.1309, 0.4195,
0.4321

■ 30.2880, 0.4381,
0.4445

■ 34.1217, 0.4000,
0.4167

■ 28.5813, 0.4549,
0.4529

■ 36.2623, 0.3804,
0.3995

■ 27.0041, 0.4690,
0.4566

■ 38.5601, 0.3614,
0.3812

■ 25.5418, 0.4805,
0.4560

■ 41.0204, 0.3434,
0.3628

■ 25.4162, 0.4815,
0.4559

■ 43.6484, 0.3267,
0.3448

■ 46.4489, 0.3114,
0.3275

■ 49.4263, 0.2976,
0.3113

■ 52.5850, 0.2852,
0.2961

■ 55.9291, 0.2741,
0.2822

Harmonies

Analogous

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



32.1309, 0.4492, 0.3858



32.1309, 0.4195, 0.4321



32.1309, 0.3627, 0.4561

Triad

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



32.1309, 0.4195, 0.4321



32.1309, 0.2007, 0.3038



32.1309, 0.3180, 0.2466

Complementary

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



32.1309, 0.4195, 0.4321



14.8848, 0.2110, 0.1938

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.



32.1309, 0.2535, 0.2254



32.1309, 0.4195, 0.4321



32.1309, 0.1920, 0.2511

Square

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



32.1309, 0.4195, 0.4321



32.1309, 0.2369, 0.3756



32.1309, 0.2100, 0.2257



32.1309, 0.3883, 0.2848

Rectangle

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



32.1309, 0.4195, 0.4321



32.1309, 0.3181, 0.4489



32.1309, 0.2100, 0.2257



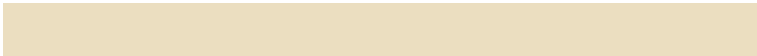
32.1309, 0.2948, 0.2373

Sweetspot

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



32.1324, 0.4195, 0.4321



73.8606, 0.3420, 0.3613



15.7600, 0.4359, 0.2850



15.6822, 0.3470, 0.3666



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.



32.1324, 0.4195, 0.4321



53.2966, 0.4435, 0.4475



40.9622, 0.3748, 0.4773



9.4828, 0.3270, 0.3451



17.6502, 0.4806, 0.4566



0.6496, 0.4599, 0.4730

Inverse Universe

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



14.8848, 0.2110, 0.1938



19.7511, 0.1900, 0.1590



10.6859, 0.2184, 0.1501



8.6176, 0.2985, 0.3124



4.1221, 0.1610, 0.0997



0.2326, 0.1772, 0.1579

Previews

White Background



This preview shows how the Yxy color 32.1309, 0.4195, 0.4321 looks on a white background.

Color Contrast Check

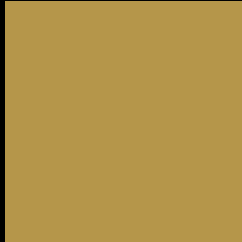
Large Text (above 18pt) WCAG AA × Fail

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 32.1309, 0.4195, 0.4321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

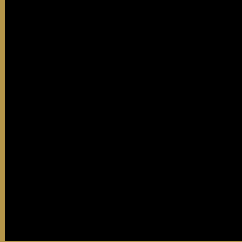
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1309, 0.4195, 0.4321

Background



This preview shows how black text looks on a background with the Yxy color 32.1309, 0.4195, 0.4321.



This preview shows how white text looks on a background with the Yxy color 32.1309, 0.4195, 0.4321.

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

32.1309, 0.4195, 0.4321

Protanopia

32.1652, 0.4034, 0.4413

Deuteranopia

32.0129, 0.4319, 0.4218



Tritanopia

32.0081, 0.3525, 0.3140

Trichromacy



Original Color

32.1309, 0.4195, 0.4321

Protanomaly

32.2891, 0.4086, 0.4381

Deuteranomaly

31.9402, 0.4278, 0.4244

Tritanomaly

31.7160, 0.3788, 0.3573

Monochromacy



Original Color

32.1309, 0.4195, 0.4321

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.2447, 0.3517, 0.3720

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1309, 0.4195, 0.4321 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(181, 150, 74)` looks like.

```
.text, #text, p{  
    color:rgb(181, 150, 74)  
}
```

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(181, 150, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 150, 74) }
```

Border

The CSS property to change the border of an element to Yxy 32.1309, 0.4195, 0.4321 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(181, 150, 74) }
```

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

```
.border{ border-color:rgb(181, 150, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 150, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 150, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 150, 74);  
box-shadow:4px 4px 4px 4px rgb(181, 150,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1309, 0.4195, 0.4321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 150, 74) }
```

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

```
.background{ background-color: rgb(181,  
150, 74) }
```

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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