

Converting Colors

$Y_{xy}(32.0806, 0.4280, 0.4228)$

Have a look what the booklet for
Yxy(32.0806, 0.4280, 0.4228)
contains.

Yxy(32.0806, 0.4280, 0.4228)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.0806, 0.4280, 0.4228)

Conversions

Conversions Part 1

Format	Color
Hex	BC934C
RGB	188, 147, 76
RGB Percent	74%, 58%, 30%
CMY	0.2628, 0.4235, 0.7019
CMYK	0.00, 0.22, 0.60, 0.26
HSL	38°, 46%, 52%
HSV	38°, 60%, 74%
XYZ	32.4752, 32.0806, 11.3208
YIQ	151.1650, 47.2270, -13.3890

Conversions

Conversions Part 2

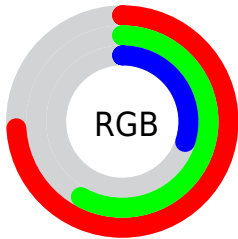
Format	Color
RYB	141, 188, 76
Decimal	12358476
CIELab	63.41, 7.27, 42.87
CIELCh	63, 43.479, 80.379
Yxy	32.0806, 0.4280, 0.4228
Android (android.graphics.Color)	4290548556 (0xFFBC934C)
YUV	151.1650, -37.0563, 32.3043
Hunter-Lab	56.6397, 3.2258, 27.7973

Details

The Yxy color **32.0806, 0.4280, 0.4228** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.8884, 0.2133, 0.2071**, and the grayscale version is **31.1695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0798, 0.4067, 0.4067**, and **13.5341, 0.4596, 0.4447** is the 20% darker color. If you saturate the color by 10%, you get **29.7815, 0.4496, 0.4336**, and if you desaturate by 10%, it is **34.5872, 0.4060, 0.4090**.

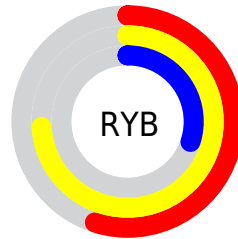
Distribution



Red (74%)

Green (58%)

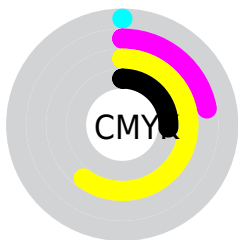
Blue (30%)



Red (55%)

Yellow (74%)

Blue (30%)

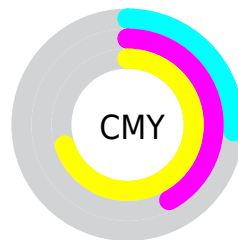


Cyan (0%)

Magenta (22%)

Yellow (60%)

Black (26%)



Cyan (26%)

Magenta (42%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0806, 0.4280, 0.4228 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 32.0806, 0.4280, 0.4228 by changing the saturation by 10% instead.


 32.0806, 0.4280,
0.4228


 32.0806, 0.4280,
0.4228


311.4862, 0.3687,
0.3766


 21.4231, 0.4423,
0.4330


 62.9374, 0.4066,
0.4067

 13.4336, 0.4599,
0.4449


 83.9055, 0.3984,
0.4004


 7.7278, 0.4811,
0.4577


 109.0792, 0.3915,
0.3950

 3.9213, 0.5187,
0.4813

 138.8430, 0.3856,
0.3903

 1.6296, 0.5291,
0.4709

 173.5812, 0.3805,
0.3862

 0.3774, 0.5869,
0.4131

213.6782, 0.3761,

 0.0000, 0.0000,

0.3826

0.0000

259.5184, 0.3722,
0.3794

■ 32.0806, 0.4280,
0.4228

■ 32.0806, 0.4280,
0.4228

■ 29.7815, 0.4496,
0.4336

■ 34.5872, 0.4060,
0.4090

■ 27.6761, 0.4696,
0.4404

■ 37.3048, 0.3844,
0.3933

■ 25.7556, 0.4870,
0.4422

■ 40.2425, 0.3639,
0.3768

■ 24.0025, 0.5017,
0.4395

■ 43.4073, 0.3449,
0.3601

■ 23.9287, 0.5023,
0.4394

■ 46.8059, 0.3276,
0.3438

■ 50.4445, 0.3121,
0.3283

■ 54.3291, 0.2982,
0.3138

■ 58.4654, 0.2858,
0.3003

■ 62.8589, 0.2749,
0.2878

Harmonies

Analogous

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



32.0806, 0.4497, 0.3745



32.0806, 0.4280, 0.4228



32.0806, 0.3760, 0.4531

Triad

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



32.0806, 0.4280, 0.4228



32.0806, 0.2068, 0.3183



32.0806, 0.3030, 0.2409

Complementary

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



32.0806, 0.4280, 0.4228



17.8884, 0.2133, 0.2071

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.



32.0806, 0.2426, 0.2241



32.0806, 0.4280, 0.4228



32.0806, 0.1923, 0.2606

Square

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



32.0806, 0.4280, 0.4228



32.0806, 0.2485, 0.3905



32.0806, 0.2046, 0.2295



32.0806, 0.3735, 0.2758

Rectangle

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



32.0806, 0.4280, 0.4228



32.0806, 0.3326, 0.4527



32.0806, 0.2046, 0.2295



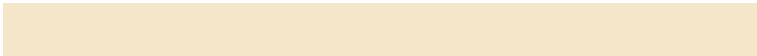
32.0806, 0.2808, 0.2331

Sweetspot

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



32.0822, 0.4280, 0.4228



79.4398, 0.3426, 0.3580



17.1469, 0.4249, 0.2746



16.7108, 0.3479, 0.3628



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.



32.0822, 0.4280, 0.4228



52.9579, 0.4550, 0.4358



45.3731, 0.3822, 0.4747



10.5174, 0.3273, 0.3435



16.4401, 0.5010, 0.4404



0.7646, 0.4767, 0.4597

Inverse Universe

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



17.8884, 0.2133, 0.2071



25.1357, 0.1942, 0.1765



11.0229, 0.2106, 0.1453



9.7818, 0.2984, 0.3141



5.4839, 0.1663, 0.1187



0.3408, 0.1802, 0.1687

Previews

White Background



This preview shows how the Yxy color 32.0806, 0.4280, 0.4228 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 32.0806, 0.4280, 0.4228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

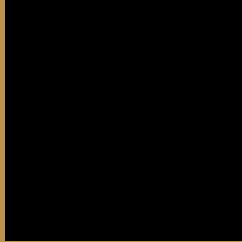
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0806, 0.4280, 0.4228

Background



This preview shows how black text looks on a background with the Yxy color 32.0806, 0.4280, 0.4228.



This preview shows how white text looks on a background with the Yxy color 32.0806, 0.4280, 0.4228.

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

32.0806, 0.4280, 0.4228

Protanopia

32.2073, 0.4010, 0.4377

Deuteranopia

31.8984, 0.4300, 0.4211



Tritanopia

32.1045, 0.3629, 0.3157

Trichromacy



Original Color

32.0806, 0.4280, 0.4228

Protanomaly

32.0162, 0.4119, 0.4318

Deuteranomaly

31.8984, 0.4300, 0.4211

Tritanomaly

31.9576, 0.3897, 0.3566

Monochromacy



Original Color

32.0806, 0.4280, 0.4228

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.1604, 0.3532, 0.3687

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0806, 0.4280, 0.4228 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(188, 147, 76)` looks like.

```
.text, #text, p{  
    color:rgb(188, 147, 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(188, 147, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 147, 76) }
```

Border

The CSS property to change the border of an element to Yxy 32.0806, 0.4280, 0.4228 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(188, 147, 76) }
```

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

```
.border{ border-color:rgb(188, 147, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 147, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 147, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 147, 76);  
box-shadow:4px 4px 4px 4px rgb(188, 147,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0806, 0.4280, 0.4228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 147, 76) }
```

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

```
.background{ background-color: rgb(188,  
147, 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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