

Converting Colors

$Y_{xy}(30.2411, 0.4403, 0.4256)$

Have a look what the booklet for
Yxy(30.2411, 0.4403, 0.4256)
contains.

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Color

Yxy(30.1464, 0.4411, 0.4252)

Conversions

Conversions Part 1

Format	Color
Hex	BC8D43
RGB	188, 141, 67
RGB Percent	74%, 55%, 26%
CMY	0.2628, 0.4470, 0.7373
CMYK	0.00, 0.25, 0.64, 0.26
HSL	37°, 47%, 50%
HSV	37°, 64%, 74%
XYZ	31.2737, 30.1464, 9.4792
YIQ	146.6170, 51.7660, -13.0500

Conversions

Conversions Part 2

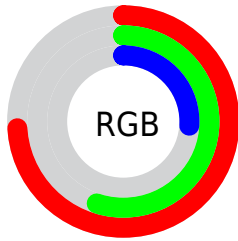
Format	Color
RYB	144, 188, 67
Decimal	12356931
CIELab	61.78, 9.92, 45.46
CIElCh	62, 46.534, 77.687
Yxy	30.1464, 0.4411, 0.4252
Android (android.graphics.Color)	4290547011 (0xFFBC8D43)
YUV	146.6170, -39.2512, 36.2929
Hunter-Lab	54.9057, 5.5866, 28.1978

Details

The Yxy color **30.1464, 0.4411, 0.4252** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.8492, 0.2068, 0.2002**, and the grayscale version is **29.1604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.6657, 0.4172, 0.4086**, and **12.3449, 0.4760, 0.4454** is the 20% darker color. If you saturate the color by 10%, you get **27.8757, 0.4631, 0.4338**, and if you desaturate by 10%, it is **32.6351, 0.4183, 0.4131**.

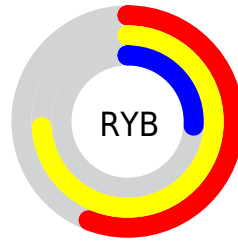
Distribution



Red (74%)

Green (55%)

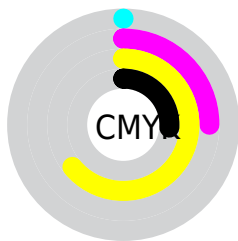
Blue (26%)



Red (56%)

Yellow (74%)

Blue (26%)

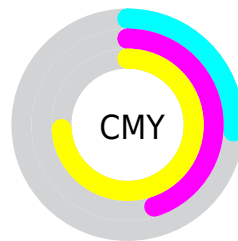


Cyan (0%)

Magenta (25%)

Yellow (64%)

Black (26%)



Cyan (26%)

Magenta (45%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.1464, 0.4411, 0.4252 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 30.1464, 0.4411, 0.4252 by changing the saturation by 10% instead.


 30.1464, 0.4411,
0.4252


 30.1464, 0.4411,
0.4252


302.5863, 0.3748,
0.3785


 19.9497, 0.4570,
0.4350


 59.8936, 0.4171,
0.4093


 12.3585, 0.4763,
0.4457


 80.2130, 0.4080,
0.4029

 6.9883, 0.5003,
0.4571


 104.6753, 0.4003,
0.3974

 3.4548, 0.5316,
0.4684

 133.6651, 0.3937,
0.3926

 1.3735, 0.5469,
0.4531

 167.5667, 0.3880,
0.3884

 0.1971, 0.6855,
0.3145

206.7645, 0.3830,

 0.0000, 0.0000,

0.3847

0.0000

251.6429, 0.3786,
0.3814

■ 30.1464, 0.4411,
0.4252

■ 30.1464, 0.4411,
0.4252

■ 27.8757, 0.4631,
0.4338

■ 32.6351, 0.4183,
0.4131

■ 25.8086, 0.4830,
0.4378

■ 35.3463, 0.3957,
0.3987

■ 23.9346, 0.4999,
0.4366

■ 38.2899, 0.3742,
0.3829

■ 22.9519, 0.5085,
0.4344

■ 41.4736, 0.3541,
0.3668

■ 44.9045, 0.3358,
0.3508

■ 48.5894, 0.3193,
0.3354

■ 52.5349, 0.3046,
0.3209

■ 56.7472, 0.2916,
0.3074

■ 61.2321, 0.2800,
0.2949

Harmonies

Analogous

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



30.1464, 0.4619, 0.3718



30.1464, 0.4411, 0.4252



30.1464, 0.3864, 0.4626

Triad

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



30.1464, 0.4411, 0.4252



30.1464, 0.2009, 0.3234



30.1464, 0.2951, 0.2316

Complementary

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



30.1464, 0.4411, 0.4252



16.8492, 0.2068, 0.2002

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.



30.1464, 0.2318, 0.2155



30.1464, 0.4411, 0.4252



30.1464, 0.1831, 0.2585

Square

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



30.1464, 0.4411, 0.4252



30.1464, 0.2477, 0.4035



30.1464, 0.1938, 0.2231



30.1464, 0.3721, 0.2673

Rectangle

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



30.1464, 0.4411, 0.4252



30.1464, 0.3398, 0.4664



30.1464, 0.1938, 0.2231



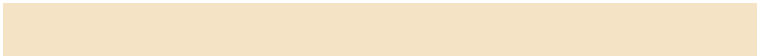
30.1464, 0.2716, 0.2238

Sweetspot

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



30.1479, 0.4411, 0.4252



78.2650, 0.3447, 0.3587



15.9494, 0.4320, 0.2664



16.4514, 0.3500, 0.3632



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.



30.1479, 0.4411, 0.4252



49.0271, 0.4712, 0.4359



45.5806, 0.3897, 0.4817



10.4816, 0.3273, 0.3430



15.7777, 0.5071, 0.4356



0.7415, 0.4809, 0.4564

Inverse Universe

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



16.8492, 0.2068, 0.2002



23.2572, 0.1877, 0.1678



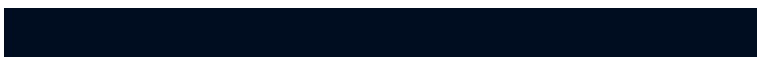
9.3097, 0.1982, 0.1289



9.8165, 0.2984, 0.3146



5.8498, 0.1680, 0.1249



0.3569, 0.1818, 0.1743

Previews

White Background



This preview shows how the Yxy color 30.1464, 0.4411, 0.4252 looks on a white background.

Color Contrast Check

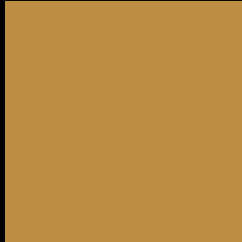
Large Text (above 18pt) WCAG AA × Fail

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 30.1464, 0.4411, 0.4252 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 30.1464, 0.4411, 0.4252

Background



This preview shows how black text looks on a background with the Yxy color 30.1464, 0.4411, 0.4252.



This preview shows how white text looks on a background with the Yxy color 30.1464, 0.4411, 0.4252.

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

30.1464, 0.4411, 0.4252

Protanopia

30.3619, 0.4062, 0.4446

Deuteranopia

30.0655, 0.4369, 0.4279



Tritanopia

30.2276, 0.3717, 0.3156

Trichromacy



Original Color

30.1464, 0.4411, 0.4252

Protanomaly

30.2958, 0.4185, 0.4377

Deuteranomaly

30.1904, 0.4380, 0.4274

Tritanomaly

30.0526, 0.4007, 0.3580

Monochromacy



Original Color

30.1464, 0.4411, 0.4252

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.2402, 0.3590, 0.3709

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1464, 0.4411, 0.4252 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, 141, 67)` looks like.

```
.text, #text, p{  
    color:rgb(188, 141, 67)  
}
```

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, 141, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 141, 67) }
```

Border

The CSS property to change the border of an element to Yxy 30.1464, 0.4411, 0.4252 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, 141, 67) }
```

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

```
.border{ border-color:rgb(188, 141, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 141, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 141, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 141, 67);  
box-shadow:4px 4px 4px 4px rgb(188, 141,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1464, 0.4411, 0.4252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 141, 67) }
```

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

```
.background{ background-color: rgb(188,  
141, 67) }
```

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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