

Converting Colors

$Y_{xy}(30.3496, 0.4275, 0.4141)$

Have a look what the booklet for
Yxy(30.3496, 0.4275, 0.4141)
contains.

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Color

Yxy(30.3496, 0.4275, 0.4141)

Conversions

Conversions Part 1

Format	Color
Hex	BA8E4F
RGB	186, 142, 79
RGB Percent	73%, 56%, 31%
CMY	0.2707, 0.4431, 0.6901
CMYK	0.00, 0.24, 0.58, 0.27
HSL	35°, 44%, 52%
HSV	35°, 58%, 73%
XYZ	31.3317, 30.3496, 11.6092
YIQ	147.9740, 46.4470, -10.2650

Conversions

Conversions Part 2

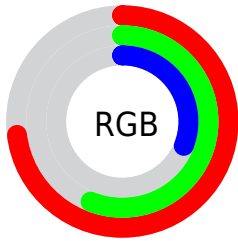
Format	Color
RYB	154, 186, 79
Decimal	12226127
CIELab	61.95, 9.39, 39.57
CIELCh	62, 40.666, 76.656
Yxy	30.3496, 0.4275, 0.4141
Android (android.graphics.Color)	4290416207 (0xFFBA8E4F)
YUV	147.9740, -34.0042, 33.3488
Hunter-Lab	55.0905, 5.1103, 26.0691

Details

The Yxy color **30.3496, 0.4275, 0.4141** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.3743, 0.2186, 0.2209**, and the grayscale version is **29.7343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5040, 0.4055, 0.3994**, and **12.4990, 0.4613, 0.4342** is the 20% darker color. If you saturate the color by 10%, you get **27.9189, 0.4511, 0.4248**, and if you desaturate by 10%, it is **33.0152, 0.4040, 0.4008**.

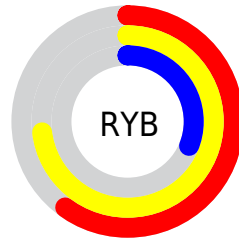
Distribution



Red (73%)

Green (56%)

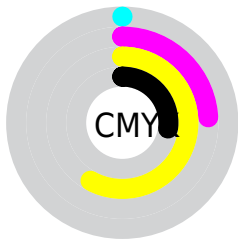
Blue (31%)



Red (60%)

Yellow (73%)

Blue (31%)

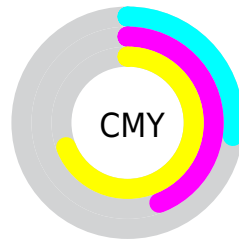


Cyan (0%)

Magenta (24%)

Yellow (58%)

Black (27%)



Cyan (27%)


Magenta (44%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3496, 0.4275, 0.4141 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 30.3496, 0.4275, 0.4141 by changing the saturation by 10% instead.


 30.3496, 0.4275,
0.4141

 30.3496, 0.4275,
0.4141


303.5306, 0.3674,
0.3719

 20.1041, 0.4425,
0.4235


 60.2146, 0.4054,
0.3993


 12.4707, 0.4613,
0.4345


 80.6029, 0.3972,
0.3936

 7.0651, 0.4847,
0.4464


 105.1409, 0.3902,
0.3886

 3.5029, 0.5291,
0.4709

 134.2131, 0.3843,
0.3844

 1.3996, 0.5434,
0.4566

 168.2037, 0.3792,
0.3807

 0.2164, 0.6677,
0.3323

207.4972, 0.3748,

 0.0000, 0.0000,

0.3774

0.0000

252.4781, 0.3709,
0.3745

■ 30.3496, 0.4275,
0.4141

■ 30.3496, 0.4275,
0.4141

■ 27.9189, 0.4511,
0.4248

■ 33.0152, 0.4040,
0.4008

■ 25.7089, 0.4736,
0.4316

■ 35.9199, 0.3815,
0.3859

■ 23.7105, 0.4938,
0.4335

■ 39.0734, 0.3606,
0.3703

■ 21.9090, 0.5108,
0.4304

■ 42.4833, 0.3415,
0.3548

■ 21.4853, 0.5149,
0.4293

■ 46.1568, 0.3244,
0.3398

■ 50.1007, 0.3091,
0.3255

■ 54.3216, 0.2955,
0.3122

■ 58.8258, 0.2836,
0.2999

■ 63.6192, 0.2731,
0.2886

Harmonies

Analogous

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



30.3496, 0.4433, 0.3671



30.3496, 0.4275, 0.4141



30.3496, 0.3808, 0.4455

Triad

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



30.3496, 0.4275, 0.4141



30.3496, 0.2150, 0.3274



30.3496, 0.2956, 0.2414

Complementary

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



30.3496, 0.4275, 0.4141



19.3743, 0.2186, 0.2209

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.



30.3496, 0.2399, 0.2278



30.3496, 0.4275, 0.4141



30.3496, 0.1975, 0.2695

Square

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



30.3496, 0.4275, 0.4141



30.3496, 0.2581, 0.3954



30.3496, 0.2062, 0.2362



30.3496, 0.3626, 0.2732

Rectangle

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



30.3496, 0.4275, 0.4141



30.3496, 0.3401, 0.4481



30.3496, 0.2062, 0.2362



30.3496, 0.2750, 0.2347

Sweetspot

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



30.3511, 0.4275, 0.4141



77.1646, 0.3411, 0.3544



17.4782, 0.4099, 0.2687



16.7097, 0.3448, 0.3575



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.



30.3511, 0.4275, 0.4141



49.5210, 0.4572, 0.4270



45.0307, 0.3855, 0.4677



9.8674, 0.3273, 0.3425



14.6080, 0.5134, 0.4306



0.6337, 0.4831, 0.4546

Inverse Universe

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



19.3743, 0.2186, 0.2209



27.8174, 0.1997, 0.1921



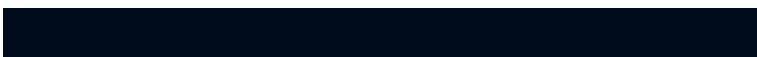
11.2126, 0.2100, 0.1502



9.3097, 0.2985, 0.3152



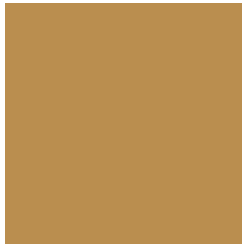
6.0464, 0.1700, 0.1319



0.3358, 0.1846, 0.1844

Previews

White Background



This preview shows how the Yxy color 30.3496, 0.4275, 0.4141 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 30.3496, 0.4275, 0.4141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

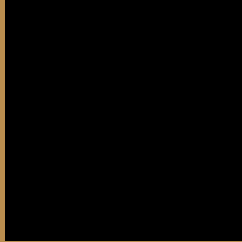
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3496, 0.4275, 0.4141

Background



This preview shows how black text looks on a background with the Yxy color 30.3496, 0.4275, 0.4141.



This preview shows how white text looks on a background with the Yxy color 30.3496, 0.4275, 0.4141.

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

30.3496, 0.4275, 0.4141

Protanopia

30.4212, 0.3950, 0.4300

Deuteranopia

30.3998, 0.4245, 0.4163



Tritanopia

30.1709, 0.3656, 0.3141

Trichromacy



Original Color

30.3496, 0.4275, 0.4141

Protanomaly

30.3458, 0.4071, 0.4238

Deuteranomaly

30.5237, 0.4256, 0.4158

Tritanomaly

30.0906, 0.3899, 0.3515

Monochromacy



Original Color

30.3496, 0.4275, 0.4141

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.6692, 0.3534, 0.3646

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3496, 0.4275, 0.4141 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(186, 142, 79)` looks like.

```
.text, #text, p{  
    color:rgb(186, 142, 79)  
}
```

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(186, 142, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 142, 79) }
```

Border

The CSS property to change the border of an element to Yxy 30.3496, 0.4275, 0.4141 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(186, 142, 79) }
```

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

```
.border{ border-color:rgb(186, 142, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 142, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 142, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 142, 79);  
box-shadow:4px 4px 4px 4px rgb(186, 142,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3496, 0.4275, 0.4141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 142, 79) }
```

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

```
.background{ background-color: rgb(186,  
142, 79) }
```

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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