

Converting Colors

$Y_{xy}(30.4095, 0.4227, 0.3876)$

Have a look what the booklet for
Yxy(30.4095, 0.4227, 0.3876)
contains.

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Color

Yxy(30.3406, 0.4227, 0.3869)

Conversions

Conversions Part 1

Format	Color
Hex	C18A5F
RGB	193, 138, 95
RGB Percent	76%, 54%, 37%
CMY	0.2431, 0.4588, 0.6275
CMYK	0.00, 0.29, 0.51, 0.24
HSL	26°, 44%, 56%
HSV	26°, 51%, 76%
XYZ	33.1480, 30.3406, 14.9311
YIQ	149.5430, 46.5830, -1.7130

Conversions

Conversions Part 2

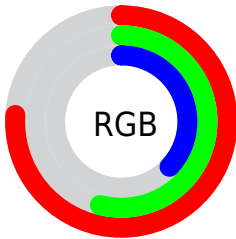
Format	Color
RYB	193, 172, 95
Decimal	12683871
CIELab	61.95, 15.97, 31.26
CIELCh	62, 35.099, 62.939
Yxy	30.3406, 0.4227, 0.3869
Android (android.graphics.Color)	4290873951 (0xFFC18A5F)
YUV	149.5430, -26.8897, 38.1118
Hunter-Lab	55.0823, 11.0256, 22.4859

Details

The Yxy color **30.3406, 0.4227, 0.3869** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **28.0935, 0.2340, 0.2604**, and the grayscale version is **30.3971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.4700, 0.4008, 0.3776**, and **12.5112, 0.4580, 0.3996** is the 20% darker color. If you saturate the color by 10%, you get **27.0789, 0.4520, 0.3961**, and if you desaturate by 10%, it is **34.0022, 0.3954, 0.3759**.

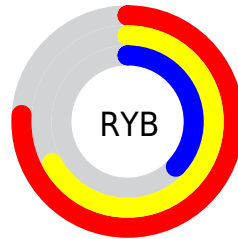
Distribution



Red (76%)

Green (54%)

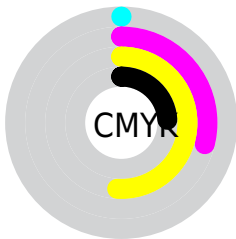
Blue (37%)



Red (76%)

Yellow (67%)

Blue (37%)

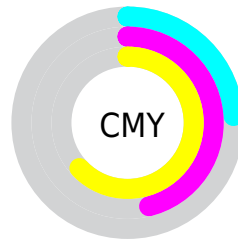


Cyan (0%)

Magenta (29%)

Yellow (51%)

Black (24%)



Cyan (24%)

Magenta (46%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3406, 0.4227, 0.3869 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 30.3406, 0.4227, 0.3869 by changing the saturation by 10% instead.


 30.3406, 0.4227,
0.3869


 30.3406, 0.4227,
0.3869


303.4889, 0.3640,
0.3587


 20.0973, 0.4382,
0.3931


 60.2004, 0.4007,
0.3771


 12.4658, 0.4582,
0.4003


 80.5856, 0.3926,
0.3733

 7.0617, 0.4850,
0.4081


 105.1203, 0.3858,
0.3700

 3.5007, 0.5263,
0.4187

 134.1888, 0.3801,
0.3671

 1.3984, 0.5800,
0.4200

168.1755, 0.3752,
0.3646

 0.2155, 0.7340,
0.2660

207.4648, 0.3710,

 0.0000, 0.0000,


0.3624

0.0000


252.4411, 0.3673,
0.3605


 30.3406, 0.4227,
0.3869


 30.3406, 0.4227,
0.3869

 27.0789, 0.4520,
0.3961


 34.0022, 0.3954,
0.3759


 24.1972, 0.4823,
0.4024


 38.0737, 0.3709,
0.3641


 21.6798, 0.5117,
0.4044

 42.5704, 0.3492,
0.3522

 19.5081, 0.5381,
0.4012

 47.5052, 0.3303,
0.3407

 17.7888, 0.5590,
0.3943

 52.8905, 0.3139,
0.3298

■ 58.7381, 0.2998,
0.3197

■ 65.0593, 0.2876,
0.3103

■ 71.8651, 0.2770,
0.3017

■ 78.2524, 0.2750,
0.3079

Harmonies

Analogous

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



30.3406, 0.4202, 0.3436



30.3406, 0.4227, 0.3869



30.3406, 0.3938, 0.4210

Triad

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



30.3406, 0.4227, 0.3869



30.3406, 0.2425, 0.3551



30.3406, 0.2739, 0.2442

Complementary

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



30.3406, 0.4227, 0.3869



28.0935, 0.2340, 0.2604

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.



30.3406, 0.2328, 0.2411



30.3406, 0.4227, 0.3869



30.3406, 0.2159, 0.2991

Square

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



30.3406, 0.4227, 0.3869



30.3406, 0.2889, 0.4075



30.3406, 0.2128, 0.2591



30.3406, 0.3296, 0.2655

Rectangle

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



30.3406, 0.4227, 0.3869



30.3406, 0.3623, 0.4318



30.3406, 0.2128, 0.2591



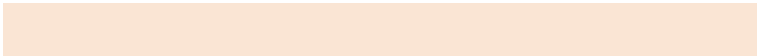
30.3406, 0.2582, 0.2410

Sweetspot

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



30.3421, 0.4227, 0.3869



81.0436, 0.3384, 0.3458



21.7395, 0.3722, 0.2558



16.9857, 0.3424, 0.3482



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



30.3421, 0.4227, 0.3869



47.8555, 0.4556, 0.3970



47.4841, 0.3899, 0.4438



10.7889, 0.3278, 0.3391



11.9836, 0.5569, 0.3961



0.6548, 0.5187, 0.4264

Inverse Universe

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



28.0935, 0.2340, 0.2604



43.3319, 0.2186, 0.2419



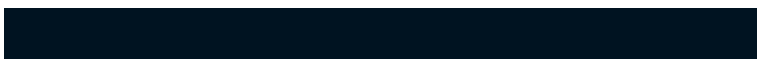
15.6909, 0.2184, 0.1799



10.6646, 0.2984, 0.3186



9.8989, 0.1834, 0.1803



0.5631, 0.1935, 0.2167

Previews

White Background



This preview shows how the Yxy color 30.3406, 0.4227, 0.3869 looks on a white background.

Color Contrast Check

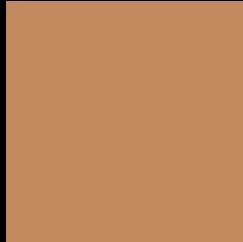
Large Text (above 18pt) WCAG AA × Fail

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 30.3406, 0.4227, 0.3869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

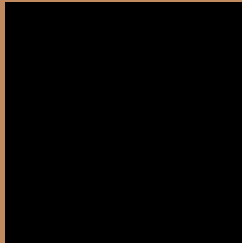
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3406, 0.4227, 0.3869

Background



This preview shows how black text looks on a background with the Yxy color 30.3406, 0.4227, 0.3869.



This preview shows how white text looks on a background with the Yxy color 30.3406, 0.4227, 0.3869.

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

30.3406, 0.4227, 0.3869

Protanopia

30.5193, 0.3760, 0.4054

Deuteranopia

30.2768, 0.4067, 0.3985



Tritanopia

30.3258, 0.3766, 0.3158

Trichromacy



Original Color

30.3406, 0.4227, 0.3869

Protanomaly

30.4383, 0.3927, 0.3993

Deuteranomaly

30.1722, 0.4126, 0.3945

Tritanomaly

30.2666, 0.3947, 0.3414

Monochromacy



Original Color

30.3406, 0.4227, 0.3869

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.2765, 0.3505, 0.3533

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3406, 0.4227, 0.3869 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(193, 138, 95)` looks like.

```
.text, #text, p{  
    color:rgb(193, 138, 95)  
}
```

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(193, 138, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 138, 95) }
```

Border

The CSS property to change the border of an element to Yxy 30.3406, 0.4227, 0.3869 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(193, 138, 95) }
```

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

```
.border{ border-color:rgb(193, 138, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 138, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 138, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 138, 95);  
box-shadow:4px 4px 4px 4px rgb(193, 138,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3406, 0.4227, 0.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 138, 95) }
```

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

```
.background{ background-color: rgb(193,  
138, 95) }
```

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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