

Converting Colors

$Yxy(29.5824, 0.4388, 0.4012)$

Have a look what the booklet for
Yxy(29.5824, 0.4388, 0.4012)
contains.

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Color

Yxy(29.5399, 0.4386, 0.4013)

Conversions

Conversions Part 1

Format	Color
Hex	C18851
RGB	193, 136, 81
RGB Percent	76%, 53%, 32%
CMY	0.2431, 0.4667, 0.6823
CMYK	0.00, 0.30, 0.58, 0.24
HSL	29°, 47%, 54%
HSV	29°, 58%, 76%
XYZ	32.2856, 29.5399, 11.7850
YIQ	146.7730, 51.6270, -5.0210

Conversions

Conversions Part 2

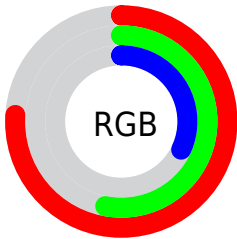
Format	Color
RYB	193, 189, 81
Decimal	12683345
CIELab	61.26, 15.87, 37.89
CIELCh	61, 41.075, 67.271
Yxy	29.5399, 0.4386, 0.4013
Android (android.graphics.Color)	4290873425 (0xFFC18851)
YUV	146.7730, -32.4261, 40.5411
Hunter-Lab	54.3506, 10.9197, 25.1894

Details

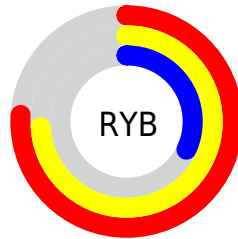
The Yxy color **29.5399, 0.4386, 0.4013** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **23.7854, 0.2216, 0.2384**, and the grayscale version is **29.2005, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7566, 0.4136, 0.3888**, and **11.9996, 0.4779, 0.4169** is the 20% darker color. If you saturate the color by 10%, you get **26.6498, 0.4664, 0.4097**, and if you desaturate by 10%, it is **32.7690, 0.4116, 0.3902**.

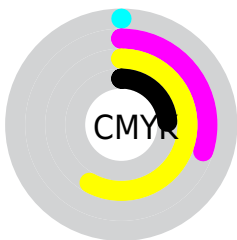
Distribution



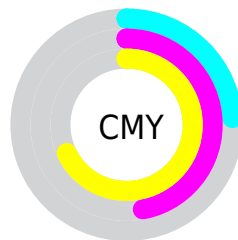
- Red (76%)
- Green (53%)
- Blue (32%)



- Red (76%)
- Yellow (74%)
- Blue (32%)



- Cyan (0%)
- Magenta (30%)
- Yellow (58%)
- Black (24%)





- Cyan (24%)
- Magenta (47%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5399, 0.4386, 0.4013 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 29.5399, 0.4386, 0.4013 by changing the saturation by 10% instead.


 29.5399, 0.4386,
0.4013


 29.5399, 0.4386,
0.4013


299.7539, 0.3719,
0.3665

 19.4896, 0.4557,
0.4086

 58.9338, 0.4138,
0.3895


 12.0246, 0.4773,
0.4166


 79.0462, 0.4047,
0.3847

 6.7604, 0.5050,
0.4242


 103.2814, 0.3970,
0.3806

 3.3127, 0.5577,
0.4423

 132.0239, 0.3904,
0.3771

 1.2971, 0.5816,
0.4184

 165.6580, 0.3848,
0.3739

 0.1390, 0.7890,
0.2110

204.5681, 0.3799,

 0.0000, 0.0000,

0.3712

0.0000

249.1386, 0.3757,
0.3687

■ 29.5399, 0.4386,
0.4013

■ 29.5399, 0.4386,
0.4013

■ 26.6498, 0.4664,
0.4097

■ 32.7690, 0.4116,
0.3902

■ 24.0803, 0.4937,
0.4141

■ 36.3455, 0.3865,
0.3777

■ 21.8175, 0.5186,
0.4135

■ 40.2830, 0.3636,
0.3645

■ 19.8409, 0.5398,
0.4077

■ 44.5928, 0.3433,
0.3513

■ 19.4813, 0.5438,
0.4064

■ 49.2855, 0.3254,
0.3387

■ 54.3715, 0.3098,
0.3267

■ 59.8604, 0.2962,
0.3156

■ 65.7618, 0.2844,
0.3053

■ 72.0848, 0.2741,
0.2959

Harmonies

Analogous

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



29.5399, 0.4425, 0.3516



29.5399, 0.4386, 0.4013



29.5399, 0.3993, 0.4404

Triad

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



29.5399, 0.4386, 0.4013



29.5399, 0.2244, 0.3492



29.5399, 0.2755, 0.2335

Complementary

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



29.5399, 0.4386, 0.4013



23.7854, 0.2216, 0.2384

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.



29.5399, 0.2252, 0.2262



29.5399, 0.4386, 0.4013



29.5399, 0.1982, 0.2843

Square

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



29.5399, 0.4386, 0.4013



29.5399, 0.2750, 0.4157



29.5399, 0.1989, 0.2422



29.5399, 0.3420, 0.2605

Rectangle

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



29.5399, 0.4386, 0.4013



29.5399, 0.3604, 0.4515



29.5399, 0.1989, 0.2422



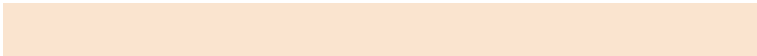
29.5399, 0.2563, 0.2287

Sweetspot

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



29.5414, 0.4386, 0.4013



80.4683, 0.3419, 0.3503



19.0859, 0.3936, 0.2539



16.9144, 0.3457, 0.3530



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.



29.5414, 0.4386, 0.4013



46.2501, 0.4749, 0.4115



49.2625, 0.3958, 0.4626



10.8761, 0.3277, 0.3403



13.1138, 0.5418, 0.4080



0.7046, 0.5074, 0.4353

Inverse Universe

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



23.7854, 0.2216, 0.2384



34.9489, 0.2041, 0.2135



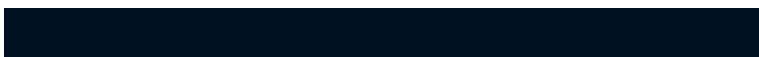
11.7673, 0.2019, 0.1475



10.5766, 0.2984, 0.3174



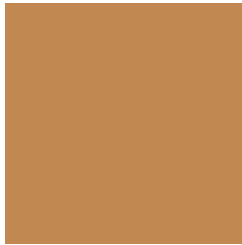
8.5626, 0.1785, 0.1625



0.5077, 0.1896, 0.2026

Previews

White Background



This preview shows how the Yxy color 29.5399, 0.4386, 0.4013 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5399, 0.4386, 0.4013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

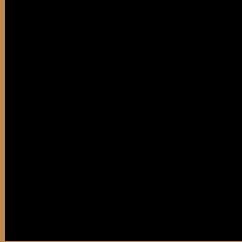
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5399, 0.4386, 0.4013

Background



This preview shows how black text looks on a background with the Yxy color 29.5399, 0.4386, 0.4013.



This preview shows how white text looks on a background with the Yxy color 29.5399, 0.4386, 0.4013.

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

29.5399, 0.4386, 0.4013

Protanopia

29.6222, 0.3914, 0.4242

Deuteranopia

29.4527, 0.4219, 0.4138



Tritanopia

29.4349, 0.3813, 0.3158

Trichromacy



Original Color

29.5399, 0.4386, 0.4013

Protanomaly

29.5853, 0.4078, 0.4156

Deuteranomaly

29.3587, 0.4281, 0.4095

Tritanomaly

29.5463, 0.4040, 0.3481

Monochromacy



Original Color

29.5399, 0.4386, 0.4013

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.9675, 0.3566, 0.3599

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5399, 0.4386, 0.4013 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, 136, 81)` looks like.

```
.text, #text, p{  
    color:rgb(193, 136, 81)  
}
```

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, 136, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 136, 81) }
```

Border

The CSS property to change the border of an element to Yxy 29.5399, 0.4386, 0.4013 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, 136, 81) }
```

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

```
.border{ border-color:rgb(193, 136, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 136, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 136, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 136, 81);  
box-shadow:4px 4px 4px 4px rgb(193, 136,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5399, 0.4386, 0.4013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 136, 81) }
```

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

```
.background{ background-color: rgb(193,  
136, 81) }
```

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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