

Converting Colors

$Y_{xy}(28.3031, 0.4410, 0.3966)$

Have a look what the booklet for
Yxy(28.3031, 0.4410, 0.3966)
contains.

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Color

Yxy(28.3031, 0.4410, 0.3966)

Conversions

Conversions Part 1

Format	Color
Hex	C08451
RGB	192, 132, 81
RGB Percent	75%, 52%, 32%
CMY	0.2471, 0.4823, 0.6823
CMYK	0.00, 0.31, 0.58, 0.25
HSL	28°, 47%, 54%
HSV	28°, 58%, 75%
XYZ	31.4717, 28.3031, 11.5896
YIQ	144.1260, 52.1310, -3.1410

Conversions

Conversions Part 2

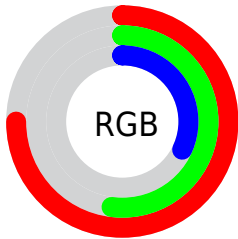
Format	Color
R_{YB}	192, 175, 81
Decimal	12616785
CIE _{Lab}	60.16, 17.63, 36.53
CIE _{LCh}	60, 40.561, 64.240
Yxy	28.3031, 0.4410, 0.3966
Android (android.graphics.Color)	4290806865 (0xFFC08451)
YUV	144.1260, -31.1211, 41.9855
Hunter-Lab	53.2007, 12.4933, 24.3243

Details

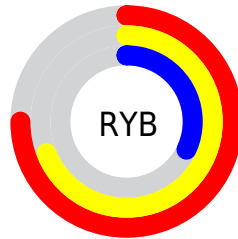
The Yxy color **28.3031, 0.4410, 0.3966** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **24.5969, 0.2233, 0.2449**, and the grayscale version is **28.0563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8458, 0.4157, 0.3859**, and **11.3010, 0.4819, 0.4096** is the 20% darker color. If you saturate the color by 10%, you get **25.3805, 0.4702, 0.4044**, and if you desaturate by 10%, it is **31.5898, 0.4129, 0.3862**.

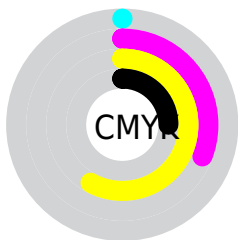
Distribution



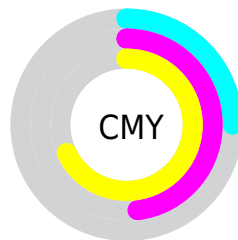
- Red (75%)
- Green (52%)
- Blue (32%)



- Red (75%)
- Yellow (69%)
- Blue (32%)



- Cyan (0%)
- Magenta (31%)
- Yellow (58%)
- Black (25%)





- Cyan (25%)
- Magenta (48%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3031, 0.4410, 0.3966 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 28.3031, 0.4410, 0.3966 by changing the saturation by 10% instead.


 28.3031, 0.4410,
0.3966


 28.3031, 0.4410,
0.3966


293.9124, 0.3724,
0.3642

 18.5543, 0.4588,
0.4032


 56.9680, 0.4153,
0.3857


 11.3486, 0.4817,
0.4104


 76.6528, 0.4059,
0.3812

 6.3019, 0.5112,
0.4169


 100.4185, 0.3980,
0.3774

 3.0295, 0.5672,
0.4328

 128.6493, 0.3913,
0.3741

 1.1471, 0.5951,
0.4049

 161.7297, 0.3855,
0.3712

 0.0179, 0.9615,
0.0385

200.0441, 0.3806,

 0.0000, 0.0000,

0.3686

0.0000

243.9769, 0.3762,
0.3663

■ 28.3031, 0.4410,
0.3966

■ 28.3031, 0.4410,
0.3966

■ 25.3805, 0.4702,
0.4044

■ 31.5898, 0.4129,
0.3862

■ 22.8025, 0.4990,
0.4082

■ 35.2504, 0.3870,
0.3744

■ 20.5538, 0.5256,
0.4071

■ 39.2994, 0.3637,
0.3620

■ 18.6132, 0.5481,
0.4008

■ 43.7492, 0.3431,
0.3497

■ 18.2232, 0.5529,
0.3992

■ 48.6115, 0.3251,
0.3378

■ 53.8976, 0.3095,
0.3266

■ 59.6181, 0.2959,
0.3162

■ 65.7835, 0.2842,
0.3066

■ 72.4036, 0.2741,
0.2979

Harmonies

Analogous

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



28.3031, 0.4408, 0.3464



28.3031, 0.4410, 0.3966



28.3031, 0.4046, 0.4376

Triad

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



28.3031, 0.4410, 0.3966



28.3031, 0.2283, 0.3564



28.3031, 0.2694, 0.2317

Complementary

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



28.3031, 0.4410, 0.3966



24.5969, 0.2233, 0.2449

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.



28.3031, 0.2213, 0.2266



28.3031, 0.4410, 0.3966



28.3031, 0.1995, 0.2899

Square

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



28.3031, 0.4410, 0.3966



28.3031, 0.2811, 0.4213



28.3031, 0.1974, 0.2451



28.3031, 0.3350, 0.2569

Rectangle

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



28.3031, 0.4410, 0.3966



28.3031, 0.3668, 0.4511



28.3031, 0.1974, 0.2451



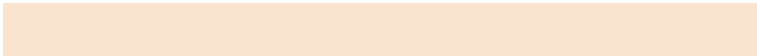
28.3031, 0.2509, 0.2275

Sweetspot

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



28.3045, 0.4410, 0.3966



79.7381, 0.3421, 0.3490



19.0441, 0.3873, 0.2495



16.7420, 0.3460, 0.3515



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.



28.3045, 0.4410, 0.3966



44.8682, 0.4769, 0.4056



47.0994, 0.3980, 0.4586



10.8236, 0.3278, 0.3396



12.4168, 0.5509, 0.4008



0.6742, 0.5141, 0.4300

Inverse Universe

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



24.5969, 0.2233, 0.2449



37.4856, 0.2072, 0.2230



12.2989, 0.2036, 0.1538



10.6294, 0.2984, 0.3182



9.3467, 0.1814, 0.1731



0.5405, 0.1920, 0.2111

Previews

White Background



This preview shows how the Yxy color 28.3031, 0.4410, 0.3966 looks on a white background.

Color Contrast Check

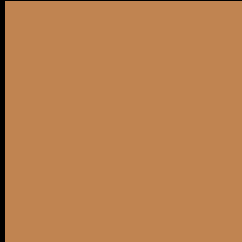
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3031, 0.4410, 0.3966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

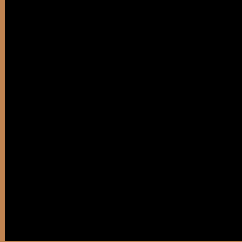
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.3031, 0.4410, 0.3966

Background



This preview shows how black text looks on a background with the Yxy color 28.3031, 0.4410, 0.3966.



This preview shows how white text looks on a background with the Yxy color 28.3031, 0.4410, 0.3966.

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

28.3031, 0.4410, 0.3966

Protanopia

28.2936, 0.3879, 0.4205

Deuteranopia

28.5094, 0.4202, 0.4125



Tritanopia

28.1523, 0.3866, 0.3157

Trichromacy



Original Color

28.3031, 0.4410, 0.3966

Protanomaly

28.0542, 0.4074, 0.4116

Deuteranomaly

28.2548, 0.4284, 0.4065

Tritanomaly

28.2782, 0.4087, 0.3469

Monochromacy



Original Color

28.3031, 0.4410, 0.3966

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.7137, 0.3564, 0.3589

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3031, 0.4410, 0.3966 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(192, 132, 81)` looks like.

```
.text, #text, p{  
    color:rgb(192, 132, 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(192, 132, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 132, 81) }
```

Border

The CSS property to change the border of an element to Yxy 28.3031, 0.4410, 0.3966 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(192, 132, 81) }
```

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

```
.border{ border-color:rgb(192, 132, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 132, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 132, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 132, 81);  
box-shadow:4px 4px 4px 4px rgb(192, 132,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3031, 0.4410, 0.3966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 132, 81) }
```

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

```
.background{ background-color: rgb(192,  
132, 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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