

Converting Colors

$Yxy(28.0922, 0.4439, 0.3866)$

Have a look what the booklet for
Yxy(28.0922, 0.4439, 0.3866)
contains.

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Color

Yxy(28.0922, 0.4439, 0.3866)

Conversions

Conversions Part 1

Format	Color
Hex	C48155
RGB	196, 129, 85
RGB Percent	77%, 51%, 33%
CMY	0.2314, 0.4941, 0.6667
CMYK	0.00, 0.34, 0.57, 0.23
HSL	24°, 48%, 55%
HSV	24°, 57%, 77%
XYZ	32.2559, 28.0922, 12.3167
YIQ	144.0170, 54.0560, 0.5200

Conversions

Conversions Part 2

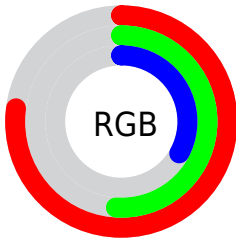
Format	Color
R_{YB}	196, 158, 85
Decimal	12878165
CIE _{Lab}	59.97, 21.29, 34.26
CIE _{LCh}	60, 40.339, 58.137
Yxy	28.0922, 0.4439, 0.3866
Android (android.graphics.Color)	4291068245 (0xFFC48155)
YUV	144.0170, -29.0954, 45.5891
Hunter-Lab	53.0021, 15.8775, 23.3236

Details

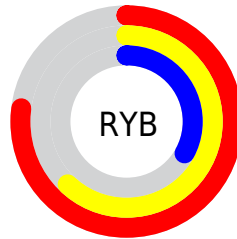
The Yxy color **28.0922, 0.4439, 0.3866** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **28.3747, 0.2273, 0.2586**, and the grayscale version is **28.0011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.4935, 0.4166, 0.3771**, and **11.2209, 0.4876, 0.3967** is the 20% darker color. If you saturate the color by 10%, you get **24.8854, 0.4759, 0.3933**, and if you desaturate by 10%, it is **31.7490, 0.4138, 0.3775**.

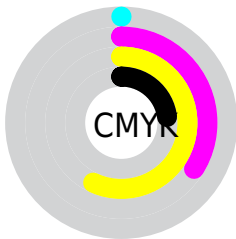
Distribution



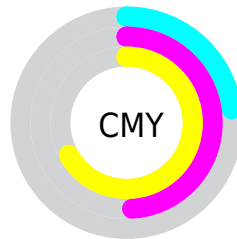
- Red (77%)
- Green (51%)
- Blue (33%)



- Red (77%)
- Yellow (62%)
- Blue (33%)



- Cyan (0%)
- Magenta (34%)
- Yellow (57%)
- Black (23%)





- Cyan (23%)
- Magenta (49%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0922, 0.4439, 0.3866 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 28.0922, 0.4439, 0.3866 by changing the saturation by 10% instead.


 28.0922, 0.4439,
0.3866


 28.0922, 0.4439,
0.3866


292.9072, 0.3733,
0.3596


 18.3952, 0.4625,
0.3919


 56.6316, 0.4173,
0.3777

 11.2341, 0.4867,
0.3973


 76.2428, 0.4076,
0.3740

 6.2245, 0.5184,
0.4016

 99.9275, 0.3994,
0.3708

 2.9821, 0.5821,
0.4162

 128.0700, 0.3926,
0.3680

 1.1224, 0.6158,
0.3842

 161.0549, 0.3867,
0.3655

 0.0000, 1.0000,
0.0000

199.2665, 0.3816,

 0.0000, 0.0000,

0.3633

0.0000

243.0891, 0.3772,
0.3614

■ 28.0922, 0.4439,
0.3866

■ 28.0922, 0.4439,
0.3866

■ 24.8854, 0.4759,
0.3933

■ 31.7490, 0.4138,
0.3775

■ 22.1049, 0.5081,
0.3963

■ 35.8696, 0.3865,
0.3672

■ 19.7305, 0.5380,
0.3944

■ 40.4727, 0.3623,
0.3564

■ 17.7372, 0.5634,
0.3874

■ 45.5741, 0.3413,
0.3457

■ 17.1420, 0.5713,
0.3845

■ 51.1892, 0.3233,
0.3354

■ 57.3325, 0.3078,
0.3258

■ 64.0179, 0.2945,
0.3170

■ 71.2589, 0.2831,
0.3088

■ 78.6488, 0.2767,
0.3080

Harmonies

Analogous

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



28.0922, 0.4353, 0.3361



28.0922, 0.4439, 0.3866



28.0922, 0.4141, 0.4305

Triad

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



28.0922, 0.4439, 0.3866



28.0922, 0.2376, 0.3707



28.0922, 0.2580, 0.2291

Complementary

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



28.0922, 0.4439, 0.3866



28.3747, 0.2273, 0.2586

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.



28.0922, 0.2147, 0.2286



28.0922, 0.4439, 0.3866



28.0922, 0.2035, 0.3022

Square

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



28.0922, 0.4439, 0.3866



28.0922, 0.2939, 0.4307



28.0922, 0.1960, 0.2523



28.0922, 0.3209, 0.2505

Rectangle

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



28.0922, 0.4439, 0.3866



28.0922, 0.3789, 0.4483



28.0922, 0.1960, 0.2523



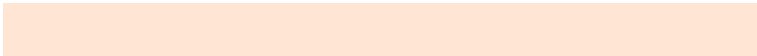
28.0922, 0.2410, 0.2265

Sweetspot

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



28.0936, 0.4439, 0.3866



81.9425, 0.3426, 0.3463



20.5486, 0.3743, 0.2418



17.1220, 0.3467, 0.3485



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



28.0936, 0.4439, 0.3866



43.7830, 0.4838, 0.3944



46.2816, 0.4015, 0.4494



10.7184, 0.3279, 0.3382



11.1717, 0.5689, 0.3865



0.6173, 0.5279, 0.4190

Inverse Universe

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



28.3747, 0.2273, 0.2586



44.2254, 0.2121, 0.2398



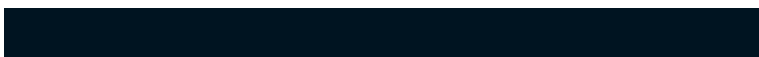
14.6435, 0.2082, 0.1687



10.7366, 0.2984, 0.3197



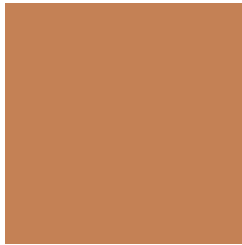
11.1045, 0.1875, 0.1951



0.6113, 0.1967, 0.2282

Previews

White Background



This preview shows how the Yxy color 28.0922, 0.4439, 0.3866 looks on a white background.

Color Contrast Check

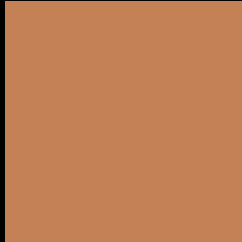
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0922, 0.4439, 0.3866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

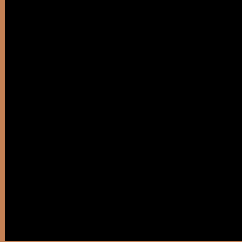
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0922, 0.4439, 0.3866

Background



This preview shows how black text looks on a background with the Yxy color 28.0922, 0.4439, 0.3866.



This preview shows how white text looks on a background with the Yxy color 28.0922, 0.4439, 0.3866.

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

28.0922, 0.4439, 0.3866

Protanopia

28.2752, 0.3820, 0.4136

Deuteranopia

28.1486, 0.4169, 0.4078



Tritanopia

28.1112, 0.3959, 0.3173

Trichromacy



Original Color

28.0922, 0.4439, 0.3866

Protanomaly

27.9572, 0.4043, 0.4030

Deuteranomaly

28.1584, 0.4264, 0.3998

Tritanomaly

28.0471, 0.4151, 0.3426

Monochromacy



Original Color

28.0922, 0.4439, 0.3866

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.6818, 0.3569, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0922, 0.4439, 0.3866 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(196, 129, 85)` looks like.

```
.text, #text, p{  
    color:rgb(196, 129, 85)  
}
```

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(196, 129, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 129, 85) }
```

Border

The CSS property to change the border of an element to Yxy 28.0922, 0.4439, 0.3866 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(196, 129, 85) }
```

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

```
.border{ border-color:rgb(196, 129, 85) }
```

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

Here you see how a box with a 4 pixel rgb(196, 129, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 129, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 129, 85);  
box-shadow:4px 4px 4px 4px rgb(196, 129,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0922, 0.4439, 0.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 129, 85) }
```

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

```
.background{ background-color: rgb(196,  
129, 85) }
```

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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