

Converting Colors

$Y_{xy}(28.2264, 0.4495, 0.4015)$

Have a look what the booklet for
Yxy(28.2264, 0.4495, 0.4015)
contains.

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Color

Yxy(28.2099, 0.4501, 0.4014)

Conversions

Conversions Part 1

Format	Color
Hex	C2834B
RGB	194, 131, 75
RGB Percent	76%, 51%, 29%
CMY	0.2393, 0.4862, 0.7058
CMYK	0.00, 0.32, 0.61, 0.24
HSL	28°, 49%, 53%
HSV	28°, 61%, 76%
XYZ	31.6325, 28.2099, 10.4364
YIQ	143.4530, 55.5240, -4.0600

Conversions

Conversions Part 2

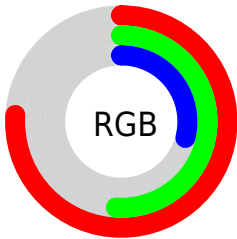
Format	Color
RYB	194, 181, 75
Decimal	12747595
CIELab	60.08, 18.58, 39.64
CIElCh	60, 43.777, 64.890
Yxy	28.2099, 0.4501, 0.4014
Android (android.graphics.Color)	4290937675 (0xFFC2834B)
YUV	143.4530, -33.7473, 44.3297
Hunter-Lab	53.1130, 13.3614, 25.5290

Details

The Yxy color **28.2099, 0.4501, 0.4014** 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 **23.5649, 0.2179, 0.2363**, and the grayscale version is **27.7811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8325, 0.4237, 0.3902**, and **11.2824, 0.4939, 0.4141** is the 20% darker color. If you saturate the color by 10%, you get **25.3616, 0.4789, 0.4082**, and if you desaturate by 10%, it is **31.4154, 0.4219, 0.3916**.

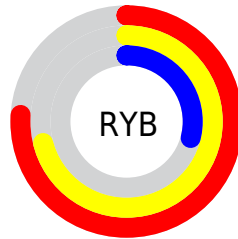
Distribution



Red (76%)

Green (51%)

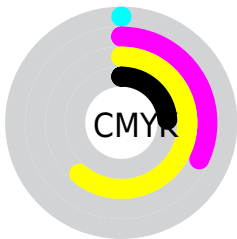
Blue (29%)



Red (76%)

Yellow (71%)

Blue (29%)

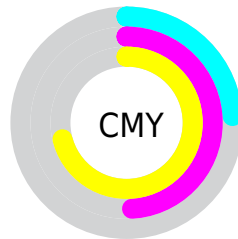


Cyan (0%)

Magenta (32%)

Yellow (61%)

Black (24%)



Cyan (24%)


Magenta (49%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2099, 0.4501, 0.4014 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 28.2099, 0.4501, 0.4014 by changing the saturation by 10% instead.


 28.2099, 0.4501,
0.4014

 28.2099, 0.4501,
0.4014


293.4685, 0.3770,
0.3673


 18.4839, 0.4688,
0.4080


 56.8194, 0.4229,
0.3901

 11.2980, 0.4924,
0.4148


 76.4717, 0.4129,
0.3855


 6.2676, 0.5224,
0.4203


 100.2016, 0.4044,
0.3814

 3.0085, 0.5714,
0.4286

 128.3935, 0.3972,
0.3779

 1.1362, 0.6006,
0.3994

 161.4317, 0.3911,
0.3747

 0.0086, 0.9817,
0.0183

199.7007, 0.3858,

 0.0000, 0.0000,

0.3720

0.0000

243.5848, 0.3811,
0.3695

■ 28.2099, 0.4501,
0.4014

■ 28.2099, 0.4501,
0.4014

■ 25.3616, 0.4789,
0.4082

■ 31.4154, 0.4219,
0.3916

■ 22.8508, 0.5066,
0.4106

■ 34.9881, 0.3955,
0.3798

■ 20.6614, 0.5313,
0.4077

■ 38.9427, 0.3714,
0.3673

■ 19.0020, 0.5498,
0.4016

■ 43.2917, 0.3500,
0.3546

■ 48.0469, 0.3312,
0.3422

■ 53.2196, 0.3147,
0.3305

■ 58.8206, 0.3005,
0.3196

■ 64.8601, 0.2881,
0.3094

■ 71.3481, 0.2774,
0.3002

Harmonies

Analogous

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



28.2099, 0.4515, 0.3478



28.2099, 0.4501, 0.4014



28.2099, 0.4096, 0.4460

Triad

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



28.2099, 0.4501, 0.4014



28.2099, 0.2209, 0.3567



28.2099, 0.2672, 0.2255

Complementary

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



28.2099, 0.4501, 0.4014



23.5649, 0.2179, 0.2363

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.



28.2099, 0.2157, 0.2193



28.2099, 0.4501, 0.4014



28.2099, 0.1912, 0.2849

Square

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



28.2099, 0.4501, 0.4014



28.2099, 0.2766, 0.4284



28.2099, 0.1899, 0.2380



28.2099, 0.3381, 0.2526

Rectangle

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



28.2099, 0.4501, 0.4014



28.2099, 0.3686, 0.4612



28.2099, 0.1899, 0.2380



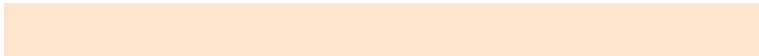
28.2099, 0.2474, 0.2209

Sweetspot

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



28.2113, 0.4501, 0.4014



80.9903, 0.3440, 0.3508



18.3501, 0.3973, 0.2481



17.1928, 0.3498, 0.3545



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.



28.2113, 0.4501, 0.4014



44.1362, 0.4898, 0.4097



48.8123, 0.4008, 0.4666



10.8421, 0.3277, 0.3399



12.6565, 0.5477, 0.4033



0.6847, 0.5118, 0.4318

Inverse Universe

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



23.5649, 0.2179, 0.2363



34.9410, 0.2006, 0.2109



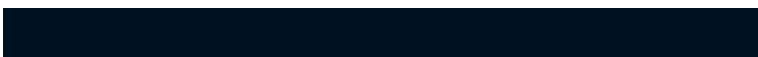
10.9797, 0.1960, 0.1394



10.6108, 0.2984, 0.3179



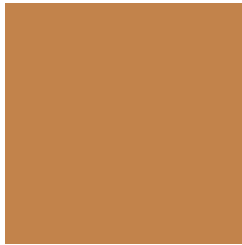
9.0637, 0.1804, 0.1694



0.5287, 0.1911, 0.2081

Previews

White Background



This preview shows how the Yxy color 28.2099, 0.4501, 0.4014 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 28.2099, 0.4501, 0.4014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

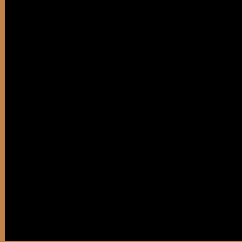
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2099, 0.4501, 0.4014

Background



This preview shows how black text looks on a background with the Yxy color 28.2099, 0.4501, 0.4014.



This preview shows how white text looks on a background with the Yxy color 28.2099, 0.4501, 0.4014.

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

28.2099, 0.4501, 0.4014

Protanopia

28.3036, 0.3947, 0.4285

Deuteranopia

28.2417, 0.4288, 0.4193



Tritanopia

28.1145, 0.3918, 0.3172

Trichromacy



Original Color

28.2099, 0.4501, 0.4014

Protanomaly

28.0769, 0.4144, 0.4190

Deuteranomaly

28.0127, 0.4363, 0.4119

Tritanomaly

28.2189, 0.4153, 0.3494

Monochromacy



Original Color

28.2099, 0.4501, 0.4014

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.4546, 0.3613, 0.3619

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2099, 0.4501, 0.4014 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(194, 131, 75)` looks like.

```
.text, #text, p{  
    color:rgb(194, 131, 75)  
}
```

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(194, 131, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 131, 75) }
```

Border

The CSS property to change the border of an element to Yxy 28.2099, 0.4501, 0.4014 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(194, 131, 75) }
```

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

```
.border{ border-color:rgb(194, 131, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 131, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 131, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 131, 75);  
box-shadow:4px 4px 4px 4px rgb(194, 131,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2099, 0.4501, 0.4014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 131, 75) }
```

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

```
.background{ background-color: rgb(194,  
131, 75) }
```

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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